UMass Amherst & Boston

Summer Session '79

UNIVERSITY OF MASSACHUSETTS
AMHERST • BOSTON • WORCESTER

OFFICE OF THE PRESIDENT
250 STUART STREET
BOSTON, MASSACHUSETTS 02116
(617) 482-8400

Dear Summer Student,

The University of Massachusetts provides year-round academic programs to the citizens of the Commonwealth. During the Summer Session, a variety of courses and programs are to be offered on the campuses of the University - at Amherst and Boston.

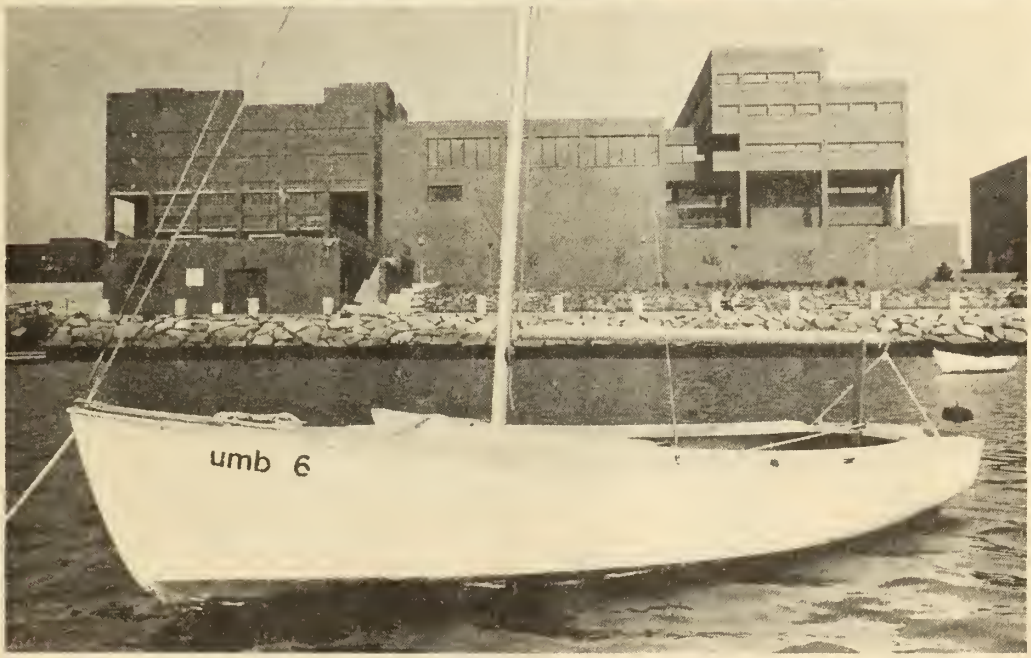
For the first time the University has prepared a single Summer Session catalog listing all of the credit courses available throughout the University system. We hope that this combined catalog will provide a useful service to students exploring educational opportunities for the coming Summer Session.

I further hope that you will have a positive educational experience at the University of Massachusetts this summer.

Good luck with your studies!

Dan Knapp

President



UMass Amherst & Boston

Summer Session '79

Summer Session Office
Whitmore Building
University of Massachusetts
Amherst, Massachusetts 01003

Summer School
University of Massachusetts
Harbor Campus
Boston, Massachusetts 02125
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All information contained herein is subject to existing University regulations at the time of registration.

The information in this bulletin is provided solely for the convenience of the reader, and the University expressly disclaims any liability which may otherwise be incurred. While every effort has been made to ensure the accuracy of the information in this catalogue, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided or any other subject addressed in this publication.

Factors of race, color, sex, age, religion, national origin or handicap are not considered in the admission or treatment of students or in employment, in accordance with federal and state laws and regulations.

The University of Massachusetts is a member of the North American Association of Summer Sessions.

The University of Massachusetts is fully accredited by the New England Association of Schools and Colleges.

The family educational rights and privacy act (public law 93-380) allows students and former students at educational institutions access to educational records kept on them, and protects basic privacy of these records. The law does not apply to applicants for admission. A list of the types of records maintained by the University, where they are kept, who is responsible for them, who has access to them, and what it will cost to obtain a copy of those records, is available from the Admissions Office in Whitmore Administration Building, the Continuing Education Registrar, Hasbrouck Building, and many other locations across campus.

University of Massachusetts

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Summer Session Officer

Maria-Luisa Roberts	Summer School Director

The University

Founded in 1863, the University of Massachusetts is one of the 66 land grant colleges and universities in the United States providing public education, research and service. Its three campuses are located at Amherst, Boston, and Worcester. The University campus in Amherst, situated on 1,100 acres in the picturesque Connecticut River Valley, has approximately 24,000 students and is served by a $200 million physical plant. The University of Massachusetts at Boston is an urban university, founded in 1965, currently enrolling approximately 8,000 students. Inaugurated in the fall of 1970, the new University of Massachusetts Medical School in Worcester opened its teaching hospital in 1975.

At the Amherst campus, a broad and continuous program is provided by the undergraduate schools and colleges, the Graduate School and the Division of Continuing Education. Basic units are the College of Arts and Sciences, the College of Food and Natural Resources, and the Schools of Business Administration, Education, Engineering, Health Sciences, and Physical Education. The University also has voluntary Army and Air Force R.O.T.C. programs, an active Phi Beta Kappa chapter, and more than 400 student organizations. Numerous centers, bureaus and institutes actively serve the Commonwealth in such fields as government research, labor relations, natural resources, and population.

Summer study is a long tradition in Amherst since the first active Summer Session in 1909. In addition to the many credit-bearing courses, the University has also expanded the educational program to include a full schedule of conferences and institutes, a credit-free workshop series offered by the Division of Continuing Education and cultural events sponsored by many campus agencies including the Arts Extension Service, the Student Activities Office, and the Fine Arts Center.

UMass/Boston is located at an exciting new campus on Dorchester Bay, overlooking Boston Harbor. This commuter campus is only three miles from the center of Boston. This proximity, coupled with an excellent public transportation system, offers easy access to the civic, cultural and historical attractions of the city. It is near the Columbia MBTA station, and free shuttle bus service is provided to and from the campus.

Educational opportunities on the Boston campus are offered by three colleges, providing diversity within the University and structure to groups of students who share common education interests and goals. The College of Arts and Sciences and the College of Professional Studies are located on the Harbor Campus. The College of Public and Community Service is housed at the Downtown Center in Park Square. In each of the colleges a low faculty-student ratio has been maintained in order to perform with excellence the traditional functions of Western universities. UMass/Boston also offers a program of graduate studies in the fields of biology, chemistry, English, history and mathematics during the regular academic year.

The Harbor Campus is a complex of six buildings: the two academic centers for liberal arts, the central Library, the Science Center, plus the Administration and Service Buildings. The downtown Boston campus in the Park Square area at 100 Arlington Street also houses the President's Office. The harborside site also will include the President John F. Kennedy Memorial Library and the Catherine Forbes Clark Physical Education Center, both scheduled for 1979 openings.

During the summer UMass/Boston offers a variety of undergraduate and graduate courses, particularly those which are overenrolled during the school year. This allows students to fulfill University requirements or explore areas outside their regular studies. The three Colleges hold summer classes at their regular Harbor Campus or Downtown locations. In addition, a program of studies in the fields of the natural sciences and humanities is offered by the University on Nantucket Island.

Who May Register

Any person who has graduated from high school or who has a certificate of general educational development is entitled to enroll in undergraduate courses offered through the Summer Session at the University of Massachusetts at Amherst. The University assumes that the student will accurately assess his or her ability to take a college level course. It is the student's responsibility to observe prerequisites for individual courses.

University of Massachusetts undergraduate students under Academic Suspension for the Fall 1979 semester are not relieved of the necessity to take a semester off from the University because they have taken courses in the Summer Session. The suspension is still operative for the fall semester.

The University invites superior high school students to begin their college education immediately upon graduation by enrolling in the Summer Session. For the highly motivated student, perhaps already convinced that his/her formal education will require graduate or professional studies, an early start may save valuable time. Similarly, students in financial need may find it less expensive to complete their undergraduate education in less than four years. Summer Session attendance can substantially reduce the time necessary to obtain a Bachelor's degree.

A Bachelor's degree is normally required for admission to graduate level courses unless otherwise specified in this catalogue or unless written permission to enroll is obtained following counsel with the teaching faculty member.

Summer enrollment allows a student to take courses, but does not imply acceptance into a degree program at the University of Massachusetts. Any student who wishes to matriculate at the University must submit an application to the appropriate Admissions Office.

Amherst Calendar

	F Session	S Session	X Session	
			Courses of variable length & starting dates	
	First Six Weeks May 30 - July 10	Second Six Weeks July 12 - August 21	Courses beginning May 30 - July 11	Courses beginning July 12 or after
Advance Mail Registration Deadline	May 18 Friday	June 29 Friday	May 18 Friday	June 29 Friday
Walk-in Registration	May 29 * Tuesday	July 11 ** Wednesday	May 29* Tuesday	July 11 ** Wednesday
Classes Begin	May 30 Wednesday	July 12 Thursday	Variable starting dates	Variable starting dates
Add/Drop Deadline	June 5 Tuesday	July 18 Wednesday	Determined on proportional basis	Determined on proportional basis
Pass/Fail & Audit Option Filing Deadline	June 5 Tuesday	July 18 Wednesday	Determined on proportional basis	Determined on proportional basis
Withdrawal Deadline	June 12 Tuesday	July 25 Wednesday	Determined on proportional basis	Determined on proportional basis
Holidays	July 4 Wednesday		July 4 Wednesday	
Last Day of Classes	July 10 Tuesday	August 21 Tuesday	Variable ending dates	Variable ending dates

Final examinations will be given during the regular class period unless otherwise requested by the instructor.

For starting dates of individual 'X' Session courses please see the schedule of classes.

All add/drop, withdrawal, pass/fail and audit deadlines for 'X' Session courses will be determined on a proportional basis. See "Course Changes" under Amherst Registration Information.

* Walk-in Registration, All Courses — 9 a.m. - 1 p.m. and 5 - 7 p.m., Campus Center Auditorium.

** Walk-in Registration, All Courses — 9 a.m. - 1 p.m. and 5 - 7 p.m., Whitmore Administration Building.

'F' Session Refund Schedule

May 30 - June 5	60%
June 6 - June 12	20%
After June 12	No refund

'S' Session Refund Schedule

July 12 - July 18	60%
July 19 - July 25	20%
After July 25	No refund

'X' Session Refund Schedule

Three-week courses

During the first five class days	50%
After the fifth class day	No refund

Twelve-week courses

During the first five days of session	80%
The 6th — 10th day of session	60%
The 11th — 15th day of session	40%
After the 15th day of session	No Refund

AMHERST

MAY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	18	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

CREDIT FREE WORKSHOP PROGRAM

June and July bring you an exciting assortment of Credit-Free Workshops. Our program is designed to help you learn a skill, advance your career, or improve your community and personal life.

For a free catalog with complete information and registration form, please write:

Credit-Free Workshops
Continuing Education/Hasbrouck
UMass/Amherst
Amherst, MA. 01003

or stop by the
Continuing Education Records
and Registration Office,
113 Hasbrouck Building on
the UMass/Amherst campus.

Amherst Registration Information

Advance registration will be arranged for persons submitting their Summer Session registration form by the mail registration deadline appropriate for the desired session. Course registrations and scheduling will be handled on a first come-first served basis. Although every effort is made to accommodate scheduling requests, the University cannot guarantee enrollment in a particular course section. **Early application will help to ensure a preferred schedule and will enable the student to avoid the necessity of attending Walk-In Registration.**

TO REGISTER IN ADVANCE SUBMIT A REGISTRATION FORM BY MAIL WITH FULL PAYMENT TO:

Summer Session Office
Whitmore Building
University of Massachusetts
Amherst, MA 01003

A registration form is included in this catalogue and may also be obtained from the Registrar's Office, Whitmore Building; from the Graduate School, A245, Graduate Research Center; from the Summer Session Office, Whitmore Building; or from the Division of Continuing Education, Hasbrouck Building, University of Massachusetts, Amherst, MA 01003.

ADVANCE REGISTRATION PROCEDURE: REGISTERING BY MAIL

1. Review and select courses from this Summer Session catalog.
2. Complete Summer Session registration form. Use schedule line numbers and section numbers given in the Schedule of Classes in the Amherst campus section of this catalog. Pay particular attention to the letter codes indicating the session (F, S, or X) in which the courses are being offered.
3. Students currently enrolled at the University of Massachusetts (Undergraduate, Graduate, Continuing Education or Boston campus) should include their current student identification number in the appropriate section on the registration form.
4. Mail form and full payment *(excluding lab fees)* to Summer Session Office, Whitmore Building, University of Massachusetts, Amherst, MA 01003. Keep in mind the deadlines for advance registration.
5. Course changes received prior to the advance registration deadlines will be processed. If received later than the deadline, the student must make the course change at Walk-In Registration.
6. All fees, with the exception of lab fees, must be paid in full at the time of registration.
7. Advance registrations will be confirmed by return mail during the week prior to the beginning of F Session and the week prior to the beginning of S Session. Confirmation will be mailed to the student's local mailing address if it is a recorded off-campus address, otherwise to the student's permanent home address.

Deadlines for Advance Mail Registration

Fri., May 18	F Session classes beginning May 30
Fri., May 18	X Session classes beginning before July 12
Fri., June 29	S Session classes beginning July 12
Fri., June 29	X Session classes beginning July 12 or after

Walk-In Registration

Dates	*Session*	*Location*
Tuesday May 29	F Session, all classes beginning May 30 X Session, all classes beginning before July 12	Campus Center Aud. 9 a.m.-1 p.m. and 5-7 p.m.
Wednesday July 11	S Session, all classes beginning July 12 X Session, all classes beginning July 12 or after	Whitmore Building 9 a.m.-1 p.m. and 5-7 p.m.

Independent Study, Special Problems, Thesis and Dissertation Credit

1. Students contemplating Independent Study, Special Problems, Thesis or Dissertation work must obtain the permission of the appropriate department heads and/or advisors.
2. Complete Summer Session registration form. Omit schedule numbers and section numbers. Schedule line numbers will be available at the appropriate departmental offices and at the Summer Session Office, Whitmore Building.
3. Students may register for Independent Study, Special Problems, Thesis and Dissertation any time before the end of the add/drop period for the S Session, July 18, 1979. Payment must be made in full at the time of registration. (A student who fails to register properly for such work will not receive an identification card and is not entitled to use University facilities during the Summer Session.)

EXPENSES

Credit Fees for Summer Session Courses

Undergraduate: $30 per credit
Graduate: $40 per credit

Credit fees for Independent Study, Special Problems, Thesis or Dissertation Credits

Undergraduate and Graduate: $15 per credit

Summer Services Fee
F Session: $45.00
S Session: $45.00
X Session: $ 7.50 per week

A Summer Services Fee of $7.50 per credit is required of all students who register only for Independent Study, Thesis, Dissertation or Special Problems.

Additional explanations and information may be found alphabetically under **General Information.**

COURSE CHANGES

Students wishing to add or drop courses, or withdraw from the Summer Session, must formally notify the Summer Session Office in writing by mail or in person during regular office hours. *Notifying the instructor or ceasing to attend class does not constitute official withdrawal.* Failure

to use proper procedures could result in an "F" being recorded as a final grade. Students dropping courses during the refund period will receive refunds only if proper procedures are followed.

Course changes may be made at Walk-In Registration or at the Summer Session Office after Walk-In Registration. All add and drop deadlines listed in the following sections must be observed.

To change course registration:
1. Review and select courses from this Summer Session catalog.
2. Complete Summer Session course Add-Drop form, available at Summer Session Office, Whitmore Building.
3. When adding a course, secure departmental approval signature and have name entered on class roster before having the Summer Session Office review the form.
4. Submit form to the Summer Session Office for review and approval.
5. Pay any remaining bill at the Bursar's Office.

ADD PERIOD DEADLINES

Students may add a course with written permission of the instructor through the first week of classes for courses of six or more weeks duration. * For "F"—**First Session**—courses, the deadline is June 5. For "S"—**Second Session**—courses, the deadline is July 18. "X"—**Extra Session**—courses of at least six weeks duration follow either the F Session deadline (if classes begin prior to July 12) or the S Session deadline (if classes begin July 12 or after). For courses of less than six weeks duration see section below.*

DROP PERIOD DEADLINES

1. All students may drop a course with no record through the first week of classes for courses of six or more weeks duration.*

F Session drop deadline is June 5.
S Session drop deadline is July 18.
X Session on a proportional basis.

2. Undergraduate students may drop a course with a "W" and graduate students with a "DR" from the first week to a period not to exceed one-third of the duration of the course for courses of six or more weeks.*

F Session last day to withdraw is June 12.
S Session last day to withdraw is July 25.
X Session on a proportional basis

3. Undergraduates who drop courses after the first one-third of the duration of the course will receive an "F" unless a retroactive withdrawal ("W") is approved by the Academic Dean.* Graduate students who drop courses after this period will receive either a "WF" (withdraw failing) or a "WP" (withdraw passing).

The above policy applies to all undergraduate and graduate students attending the Summer Session.

OVERLOAD CREDITS

A maximum course load for the 12-week Summer Session is considered to be 12 credit hours of University work for undergraduates, and nine credit hours of University work for graduate students. Students who wish to register for additional credits must secure approval as follows:

Undergraduates

1. Undergraduates pick up Summer Overload Request form at the Registrar's Office, 213 Whitmore Building.
2. University students secure a signature of their Academic Dean; previously enrolled Continuing Education students secure signature of the Continuing Education Academic Advisor; visiting students secure signature of the Administrator of Summer Session, Hasbrouck Building.
3. Return form to Summer Session Registrar, Whitmore Building.

NOTE: A senior graduating in summer 1979 or January 1980 may register for 15 credits without extra permission.

Graduate Students

1. Secure approval of the Director of Graduate Studies in major department.
2. Return approval to Summer Session Office, Whitmore Building.

** In the case of Courses of less than six weeks duration Add, Drop and Withdrawal deadlines will be determined on a proportional basis by the individual Academic Dean. Visiting summer students and Continuing Education students secure approval of the Administrator of Summer Session, Hasbrouck Building.*

register by mail

American Institute of Buddhist Studies

SUMMER PROGRAM—JUNE 3-22, 1979
In cooperation with the University of Massachusetts at Amherst

A unique liberal arts program encompassing Theravada, Mahayana and Tantra. Thirteen UMass-accredited courses and six AIBS workshops.

Philosophy, meditation, comparative psychology, literature, cosmology, enlightenment art, politics, Mahasiddhas, Asian languages, No drama, conscious dying, Aikido, law and mental health, and more!

Instructors:

Dan Brown
Bill Doty
Dan Goleman
Lobsang Jamspal
Terresina Havens
Thupten Kalsang
Jack Kornfield
John Huntington
San Lovejoy
Joanna Macy
Akira Matsui
Masatoshi Nagatomi
John Reynolds
Joshu Sasaki Roshi
David Ruegg
Seung Sahn
David Spangler
Steven Schwartz
Robert Thurman
Taitetsu Unno

For more information contact AIBS, 86 College Street, Amherst, MA 01002, 413-256-0281

Funded in part by a grant from the Rockefeller Brothers Fund and with contributions from generous individuals.

New England Artist Festival and Showcase

NEW ENGLAND's LARGEST GATHERING OF ARTISTS, CRAFTSPEOPLE, PERFORMERS.

Featuring:

A Craft and Art Marketplace

A juried exhibit of over 200 of this region's finest craftspeople and visual artists offers a unique opportunity to purchase quality crafts and fine art.
Browse, learn, collect.

A Performance Showcase

Some of the finest performing artists in New England will demonstrate their talents in children's and adult theater; jazz; folk; bluegrass; and classical music; dance; mime; and puppetry.
Catch a rising star!

And Much More

The Festival also includes the New England Film Festival (an 8 and 16mm film competition), a festival of poetry and fiction readings, two visual arts and crafts galleries, a children's area, ethnic events and foods, special art happenings, workshops and demonstrations.

Remember to set aside the second weekend in May to experience the wealth of art in New England and to celebrate spring in the Pioneer Valley.

Catch a Rising Star!

Amherst General Information

ADVISING

General academic advising will be available to Summer Session students from College and School undergraduate academic advising staffs.

Appointments are not necessary in all cases, but are recommended in order to ensure prompt attention. Counseling staff, hours, and locations, as well as telephone numbers are listed below.

College of Arts and Sciences
Information and Advising Center (CASIAC)

Various faculty and student advisors
Machmer E-20
545-2191
Monday through Friday 9 - 4.

College of Food and Natural Resources

Dr. William Tunis; Yvonne Morand
Stockbridge Hall 102
545-0302
Monday through Friday 8:30-4:30
(102 Stockbridge serves as an advising center where all students may acquire general information about academic programs and regulations, and may seek assistance with academically related problems.)

Division of Continuing Education—Part-time students

Janise Fitzpatrick; Harry Neunder
Office of Transfer Affairs, 208 Whitmore
545-3430
Monday through Thursday 8:30 - 7P.M., Friday 8:30-5:00.

School of Business Administration

Nelson Pion; John C. Morand
School of Business Administration 211
549-4930
Monday through Friday 8:30-4:30.

School of Education

Dr. Michael G. Schwartz
School of Education Bldg. 125B
545-2701
Information and advice on teacher certification programs may be obtained—appointment please. Office hours are Monday-Friday, 9 a.m.-5 p.m. The office will be closed on those days when summer counseling for new students takes place.

School of Health Sciences

Dr. J. Melrose, Communications Disorders
Arnold House
545-0131
By appointment

Prof. A. Friedman, Nursing
Arnold House
545-0405
By appointment

Dr. Howard Peters, Public Health
Public Health Bldg. N231
545-2177
Monday through Friday, 9-4.

School of Engineering

Dr. K. Cashin
Engineering East 210C
545-0302
Monday through Friday, 9-5.

School of Physical Education

Dr. Margaret Coffey
No. Physical Education Bldg. (NOPE) 109
545-0529
By appointment

AUDITING

A student who intends to audit a course must register and pay the stated fees. A student may not change from graded status to audit after the end of the Add/Drop Period. (See **Course Changes** under Registration Information.) Requests for audit status should be submitted to the Summer Session Office, Whitmore Building.

CANCELLATIONS

All University Summer Session courses are funded by course fees. In the event that instructional costs cannot be met due to underenrollment, any course may be cancelled at the discretion of the Summer Session Administrator. Courses numbered 100 through 599 may be cancelled if enrollment does not reach 15 at the end of in-person registration for that course. Courses numbered 600 and above may be cancelled if enrollment does not reach 10 at the end of in-person registration.

Students who are affected by a course cancellation due to underenrollment, and who do not wish to enroll in an alternative course will receive a full refund for the cancelled course.

CREDIT

All courses offered in the Summer Session carry degree credit and are equivalent to courses offered at the University during the regular academic year unless specified otherwise. Credits obtained in these courses are ordinarily accepted as transfer credits by other colleges and universities.

Students who are registering for graduate level work during the Summer Session and who desire to pursue an advanced degree at the University must file an application for admission with supporting documentation at the Graduate Admissions Office.

Once admitted to a graduate degree program, a student may transfer a maximum of six graduate credits earned prior to admission.

DISTRIBUTION REQUIREMENTS

Courses which may be applied toward completion of University of Massachusetts distribution requirements are designated by a capital letter, in parentheses, following the course title: Rhetoric (B); Humanities (C); Social/Behavioral Sciences (D); Math/Natural Sciences (E).

EXPENSES

Credit Fees for Summer Session Courses

Undergraduate: $30 per credit
Graduate: $40 per credit

Credit fees for Independent Study, Special Problems, Thesis or Dissertation Credits

Undergraduate and Graduate: $15 per credit
NOTE: Massachusetts residency does not affect credit fees.

Summer Services Fee

F Session: $45.00
S Session: $45.00
X Session: $ 7.50 per week

A Summer Services Fee of $7.50 per credit is required of all students who register only for Independent Study, Thesis, Dissertation or Special Problems. Payment of the Summer Services Fee entitles the student to services and programs provided by the University Health Center, Campus Center and Summer Activities Office. A valid I.D. will be issued following payment.

NOTE: The maximum Summer Services Fee charge for a six-week period is $45.00. Do not pay the fee twice where sessions overlap (e.g., F plus X, S plus X, or Independent Study plus F, X, or S Courses).

Amherst
Amherst
Amherst
campus maps

are available at the summer session office, Whitmore administration building, and at the information desk on the Campus Center concourse.

Laboratory Fees

Laboratory fees are indicated in the Schedule of Classes section of this bulletin. The Summer Session Office reserves the right to add, change or delete laboratory fees when necessary. Students must pay laboratory fees *after* the beginning of the class. Do NOT include this fee with registration payment.

FINANCIAL ASSISTANCE

Only those students enrolled in Spring Semester '79 at the University of Massachusetts or in the University of Massachusetts' Division of Continuing Education and who are degree candidates *in good academic standing*, will be considered for summer school financial aid. Aid applicants must also carry a minimum of three degree credits per six-week session or six degree credits per 12-week session.

With the exception of funds federally appropriated specifically for Nursing Majors, there are no financial aid funds remaining for the fiscal '79 year. Therefore, no awards can be granted for "F" First Session costs;* and students are advised to apply in March for Guaranteed Student Bank Loans.

However, limited financial aid in the form of National Direct Student Loans will be available for "S" Second Session costs. To apply, University students should pick up a '79-'80 application packet containing Summer Session aid information at the Financial Aid Office, 243 Whitmore Building.

All Financial aid applicants must register in person at the Summer Session Office, Whitmore Building, or at any of the scheduled Walk-In Registrations.

*Exception: CE students who used their B.E.O.G. for only ONE semester during academic year '78-'79.

GRADES & TRANSCRIPTS

All grade reports for the Summer Session will be mailed to the permanent address of *undergraduate* students and to the local address of *graduate* students. The mailing will be in September after the close of the entire Summer Session and transcripts will not be available until that time. Submit transcript requests to the appropriate Records Office as indicated below:

A permanent record of courses taken in the Amherst campus Summer Session will be maintained by the following administrative units:

1. For admitted and visiting undergraduates at the Amherst campus: Amherst Undergraduate Records Office, 213 Whitmore Building.
2. For admitted and visiting graduate students at the Amherst campus and for previously enrolled *graduate* Continuing Education students: Graduate Records Office, Graduate Research Center.
3. For Boston campus students: Boston Campus Records Office.
4. For previously enrolled *undergraduate* Continuing Education students: Continuing Education Records Office.

HOUSING

University residence halls will be available to students wishing to live on campus during the Summer Session. Please fill out the application form on page 37 and mail, no later than May 15, 1979 to: Summer Housing Office, 918 Campus Center, University of Massachusetts, Amherst, MA 01003.

Residence halls will be open for occupancy on Tuesday, May 29. Dorm assignments and keys may be obtained at the 3rd level Registration Office in the Campus Center on Tuesday, May 29, and Wednesday, July 11, from 9 a.m. to 5 p.m. each day.

All residence hall rooms are provided with basic furniture, including beds and mattresses, desks, desk chairs, and waste baskets. Each student is responsible for providing ashtrays, pillows, bed linen, blankets and towels. Linen packets (two sheets, pillow case and two towels) are available at a cost of $5 for the first package and an additional $2.50 for each weekly exchange.

I.D. CARDS

University Students

Regularly enrolled Undergraduate, Graduate, Continuing Education and Boston campus students may obtain a Summer 1979 *validation sticker* for their picture identification cards at the I.D. Office which will be located in 169 Whitmore until May 25 and located in Hamlin House beginning June 1. Office hours are Monday through Friday, 9 a.m. to 4 p.m. Validation stickers will also be available at any of the scheduled Summer Walk-In Registrations. Students are required to pay the Summer Services Fee and must present either their summer schedule card or the stamped copy of their registration form as proof of registration.

Visiting or New Students

Summer visiting or new students may have pictures taken for *temporary summer identification cards* at the I.D. Office which will be located in 169 Whitmore until May 25 and located in Hamlin House beginning June 1. Office hours are Monday through Friday, 9 a.m. to 4 p.m. Pictures will also be taken at all of the scheduled Walk-In Registrations except the July 11, 5-7 p.m. period. Students are required to pay the Summer Services Fee and must present their summer schedule card or the stamped copy of their registration form as proof of registration, as well as one other form of identification. Students who have not registered in advance (Mail Registration) must wait 48 to 72 hours after completing registration for the assignment of a student number *before* they may have their I.D. picture taken. I.D. cards may be picked up at the I.D. Office 24 hours after having the picture taken. There is a $1 charge for picture I.D. cards.

PARKING & BUSES

Vehicles registered with the Parking Office displaying a current parking decal may park in their assigned lot or any edge lot.

Unregistered vehicles should be registered with the Parking Office, Room 1, Munson Hall; office hours are 8:30 a.m. to 4 p.m. The registration fee of $5 enables the vehicle to use all edge lots: 21, 22, 23, 24, 25, 26, 31, 32, 34, 44, 46, 47, 48, 49, 50. If an individual wants to register a vehicle for a core lot, the cost is a $5 registration fee plus the monthly convenience fee of $3 for a core lot, and $4.20 for lot 71.

The Student Senate Transit Service will provide regularly scheduled no fare bus transportation during the Summer Session. It is anticipated that buses will serve students commuting from Belchertown, South Amherst, North Amherst, Sunderland, South Deerfield and points in between on all weekdays when classes are in session. Sufficient buses will be scheduled to transport students to the campus in the morning, to outlying points, return at midday, and home at the end of the day. For bus service information, call 545-0056.

PASS/FAIL

A regularly enrolled undergraduate student must be enrolled for six credit hours during the Summer Session to use his/her pass/fail option for one summer course. Many School of Education courses are graded on a mandatory Pass/Fail basis. A non-education major enrolling in such a course may elect to use the Pass/Fail option in one additional course. Graduate students wishing to use the Pass/Fail option should consult both the Graduate School and the appropriate academic department. *Pass/Fail requests must be submitted to the Summer Session Registrar by the end of the Add/Drop period.* (See **Course Changes** under Registration Information.)

RECREATION & INTRAMURALS

All registered 1979 Summer School students are welcome to enjoy all phases of the Intramural Recreational Sports Program. The program provides opportunities for participation in competitive, structured, and unstructured sport and physical activity. Clothing, services, and equipment are available according to current Department of Athletics/Intramurals policies.

UMass I.D. cards, validated for Summer 1979, are *necessary* for admittance to all facilities and participation in all activities.

For further information regarding the program, contact the Intramural Office, Boyden Room 215, tel. 545-3334 or 545-2693, Monday through Friday. Calendars are distributed stating the tentative starting dates and procedures for each sports activity.

REFUND SCHEDULE

F Session

May 30-June 5	60%
June 6-June 12	20%
After June 12	NO REFUND

S Session

July 12-July 18	60%
July 19-July 25	20%
After July 25	NO REFUND

X Session

Three-week courses

During the first five days of class	50%
After the fifth day of class	NO REFUND

Twelve-week courses

During the first five days of session	80%
The 6th through 10th day of session	60%
The 11th through 15th day of session	40%
After the 15th day of session	NO REFUND

ALL OTHER VARIABLE LENGTH COURSES ON A PROPORTIONAL BASIS

Students are entitled to a full refund in the event of course cancellation.

VETERANS AFFAIRS

Veterans are eligible to receive full-time benefits for carrying a minimum of four credits during F Session (May 30 through July 10), and four credits during S Session (July 12 through August 21). If a veteran takes less than the minimum amount of credits for full-time status, his/her monthly benefits will be adjusted accordingly.

To receive these benefits, veterans should contact the Veterans Affairs Office, Mobile Unit Number Four, phone 545-1346, eight to ten weeks prior to the beginning of the particular summer session to allow ample time for processing paperwork.

TEXTBOOKS & SUPPLIES

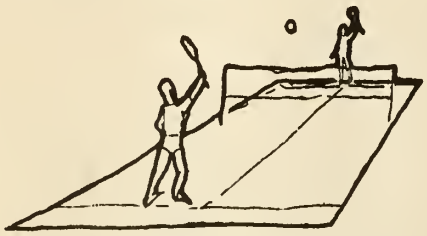
Most textbooks required for summer classes are sold at the Textbook Annex located on the top floor of the Physical Plant Building. Students may purchase books either on a cash basis or with checks, provided that they have a valid UMass Summer I.D. No credit cards are accepted.

The Textbook Annex hours during the 1979 Summer Session are:

Monday through Friday	9 a.m.-4 p.m.
June 4 and June 9	9 a.m.-7 p.m.
July 16 and July 7	9 a.m.-7 p.m.

Students may purchase sundry items at the University Store, located on the concourse level of the Campus Center. Normal summer hours: Monday through Friday, 8:30-4:30.

register now



Recreation & Intramurals

PROGRAM CONTENT

The competitive program consists of different sport activities organized in Round Robin league play and championship finals. Leagues are organized according to the number of entries.

Team Sports include:
Softball, Co-Rec Volleyball (Men's, Women's), Cross Country, Bike Race, Swim Meet (Co-Rec), Horseshoes.

Individual Sports include:
Tennis singles & Mixed Doubles, Badminton Singles & Mixed Doubles, Squash Singles, Racquetball Singles.

OPEN PLAY

Space and time are provided for individuals participation in impromptu and informal sports activities such as: Basketball, Racquetball, Squash, Jogging, Swimming, Weight Training, Softball, Volleyball & Soccer.

For further information regarding the Program, contact the Intramural Office, Boyden Room 215, (Tel. 545-3334 or 545-2693), Monday thru Friday. Calendars are distributed stating the tentative starting dates and procedures for each sports activity.

Amherst Course Descriptions

There are two main summer sessions, each six weeks in duration. In the COURSE DESCRIPTION section which follows, the sessions are designated by the capital letters in parentheses following the course description. The first session is designated "F" and the second session is designated "S". Courses which do not conform to the standard calendar are designated "X" and exact dates and times are specified in the SCHEDULE OF CLASSES section of this catalog.

It is the students's responsibility to select courses with schedules that do not conflict.

Courses are listed in the following manner:

001-099	Non-Degree
100-199	Introductory lower division
200-299	Other lower division
300-399	Upper division, junior/senior
400-499	Upper division, senior
500-599	Combined graduate/undergraduate
600-699	Master's or first year graduate
700-899	Doctoral and advanced graduate
900-999	Post-terminal degree

All courses carry three credits unless otherwise indicated. In cases where the number of credit hours is variable, the student and the instructor must agree on the number of credits to be earned. The student must indicate the desired number of credits on the registration application.

Courses carry no prerequisite unless specified in the course description.

Courses which may be applied toward completion of University or College DISTRIBUTION REQUIREMENTS are designated by a capital letter, in parentheses, following the course title.

In the event that instructional costs cannot be met due to underenrollment, any course may be cancelled at the discretion of the Director of the Summer Session. Sections may be added or deleted according to enrollment demands. Instructors may be substituted without formal notification to students.

ACCOUNTING

ACCTG 221 Introduction to Accounting I
Principles underlying the preparation of financial statements. (F, S)

ACCTG 222 Introduction to Accounting II
Continuation of 221. Emphasis on development and application of accounting data for planning and control. (F, S)

ACCTG 321 Financial Reporting I
Intensive examination of fundamental concepts underlying financial reporting. Current literature dealing with effects of alternative methods upon measurement of periodic income. Prerequisite: ACCTG 222. (F)

ACCTG 322 Financial Reporting II
Continuation of 321 and intensive examination of current authoritative pronouncements on accounting principles. Prerequisite: ACCTG 321. (S)

ACCTG 331 Cost Accounting
Methods of cost analysis for job order, process, and standard cost systems, with emphasis on cost control and interpretation. Prerequisite: ACCTG 222. (F)

ACCTG 371 Federal Income Tax Procedure
Federal income tax laws and regulations as they affect individuals; preparation of tax returns. Prerequisite: ACCTG 221 or permission of instructor. (F)

AFRO-AMERICAN STUDIES

AFRO-AM 111 Survey of African Art
Realistic approach to the study of the arts of Africa, combining existing literature and field research experiences. Lectures and readings concentrate on major traditions in African sculpture, painting and architecture, from prehistoric to present times. The allied disciplines of history, archeology and anthropology are used to explore early art-producing cultures. Related discussion topics include the aesthetics of African arts and their contribution to world development in modern times. (F)

AFRO-AM 130 African History
Survey of African history from the time of the imposition of European colonialism in the 19th century to the present. Attention to the socio-political, economic and ideological characteristics of the colonial process and the variety of African reactions and resistance. Themes include African nationalism, liberation struggles, African socialism, Pan Africanism and Neo-Colonialism. (S)

ANIMAL SCIENCE

AN SCI 150 Beginning Equitation I
Riding. Credit: 1. (F, S)

AN SCI 151 Beginning Equitation II
Riding. Credit: 1. (F, S)

AN SCI 152 Intermediate Equitation I
Riding. Credit: 1. (F, S)

AN SCI 153 Intermediate Equitation II
Riding. Credit: 1. (F, S)

AN SCI 241 Special Problems in Training
A survey of basic training techniques. The methodology and philosophy of training horses from the ground. Major topics are lungeing, long reining, backing the horse, and schooling over fences. Related training topics. Prerequisite: AN SCI 152 or permission of instructor. (F, S)

ANTHROPOLOGY

ANTH 102 Introduction to Archaeology (D)
The history, methods and theory of archaeology, with an outline of the main characteristics of the prehistoric record throughout the world. (F)

ANTH 103 Introduction to Physical Anthropology (E)
Human evolution, human variation, racial classification, racism, and modern theories of variation. (S)

ANTH 104 Introduction to Cultural Anthropology (D)
Social and cultural anthropology dealing with variations among societies in technology and economics, social and political organization, art, religion, and ideology. (F)

ANTH 577 Field School in Archaeology
Enigmatic Stone Structure—Scientific Methods in Field Investigation. Problem formulation, research design, data gathering and interpretation in an interdisciplinary approach to understanding an enigmatic series of stone chambers in western Massachusetts. Training in archaeological survey strategy and interpretive techniques in the field, laboratory, and archives. Appropriate ethnohistoric and ethnographic methods of inquiry and analysis. Open to undergraduate majors and graduate students in anthropology, history and historical geography. For application forms and additional information, see or write before April to Field School Director, Department of Anthropology, Machmer Hall, University of Massachusetts, Amherst, MA 01003. Not for graduate credit. Credit: 6. Enrollment limit: 12. (X)

ART

ART 100 Basic Drawing (C)
Drawing in black and white, applying pencil, crayon, charcoal techniques to representation in line and tone, emphasizing sound observation and effective presentation. (F)

ART 101 Drawing Composition (C)
Continuation of ART 100. Emphasis on pictorial composition and advanced drawing techniques. (S)

ART 102 Basic Design I (C)
Two-dimensional design concepts arising out of work with specific problems in a variety of media. (F)

ART 103 Basic Design II (C)
Continuation of ART 102. Specific three-dimensional problems, stressing the interrelationship of materials, processes, techniques, and sculptural concepts. Prerequisite: ART 101. (S)

ART 151 Architectural Drawing
Introductory studio course in the essential basics of architectural drawing. Emphasis on drafting skills and the development of basic orthographic projection. Paraline drawings and various mechanical perspectives; the rudiments of shades and shadows and beginning freehand rendering. Individual attention emphasized. (S)

ART 201 Advanced Drawing
Investigation and development of various techniques and media with special emphasis on figure drawing. Prerequisites: ART 100 and 101. (F)

ART 202 Advanced Drawing Problems
Advanced work in traditional and contemporary drawing media. Independent exploration of graphic problems emphasized. Solutions to problems sought in relation to student's personal objectives. Prerequisite: ART 201. (S)

ART 241 Printmaking: Intaglio I (C)
ART 541 (Not a Core, offered for grad cr)
Basic study of materials, techniques, and aesthetic considerations peculiar to etching, engraving, and aquatint. Students print their own work. Prerequisites: ART 100 and 101, or permission of instructor. (F)

ART 251 Interior Design II
Advanced elevations, layouts and perspective; freehand perspective, theory of color, light. Prerequisite: ART 250 or permission of instructor. (F)

ART 280 Ceramics I (C)
Involvement with form through the use of clay and related materials. Hand-building and work on the potter's wheel stress a creative, aesthetic approach and related ceramic history. Prerequisites: ART 100 and 101. (S)

ART 341/641 Printmaking: Itaglio II
Advanced study of materials, techniques, and aesthetic considerations relevant to etching, engraving, and aquatint. Students print their own work. Prerequisites: ART 240, 241, 242. (F)

ART 351/651 Interior Design IV
Continuation of Interior Design III with addition of research studies and design problems exploring programming and coordination of colors and furnishings. Portfolio preparation and presentation. Prerequisites: ART 250, 251, 350. (F)

ART HISTORY

ART HIS 522 Modern Art, 1880–Present (C)
Major artists and developments from Post-Impressionism to the present. Undergraduate credit only. (S)

ART HIS 526 American Art (C)
The earliest colonial art, the impact of later European influences, regional art of the 19th and 20th centuries, and contemporary developments. Undergraduate credit only. (F)

ASTRONOMY

ASTRON 100 Exploring the Universe (E)
Not open to Physical Science or Engineering majors. The earth, its structure and age, the moon, the sun, other planets and the origin of the solar system. Stars and galaxies, their birth and death. The universe, its structure and evolution. Supplemented by occasional hours of evening observation. (F, S)

BIOCHEMISTRY

BIOCHM 420 Elementary Biochemistry (E)
The more important facts relating to the chemistry and metabolism of biological materials. Prerequisite: CHEM 250 or 261. (F)

BIOCHM 421 Elementary Biochemistry Laboratory
The laboratory for BIOCHM 420. Prerequisite: CHEM 250 or 261. Credit: 1. (F)

BOTANY

BOTANY 191A Seminar: Field Botany
The local flora; experience in identifying plants. Field trips to study several plant communities and the ecological factors influencing their development. Prerequisite: Introductory Botany course or equivalent. (F)

BUSINESS ADMINISTRATION

BA 210 Introduction to Business Computers
The BASIC and FORTRAN computer programming languages. Emphasis on use of the computer for business data processing and problem solving. (F, S)

BA 497 Business Policy and Strategy
An integrative case course requiring identification and possible solution of practical problems encountered by general managers who are responsible at various organizational levels for formulating strategies and their successful implementation. Prerequisite: Senior standing and SBA requirements. (S)

CHEMICAL ENGINEERING

CHE 225 Fundamentals
The fundamental chemical engineering principles and their application to chemical processes involving concepts of pressure, temperature, volume, heat capacity, thermochemistry and mass and/or energy balance. Prerequisite: CHEM 108 or 114. (F)

CHE 226 Thermodynamics
The fundamental principles of thermodynamics. An in-depth discussion of the First and Second laws; properties of single-component systems, thermodynamic cycles, phase and chemical equilibria. Prerequisites: MATH 233 and CHE 225. (S)

CHE 334 Mass Transfer
Theory and application of diffusional phenomena. Microscopic and macroscopic problems of mass transfer, diffusion in a boundary layer, diffusion and chemical reaction, interphase transfer and simultaneous heat and mass transfer (humidification and dehumidification). Application to design of equipment. Prerequisites: CHE 330 and MATH 231. (F)

CHEMISTRY

CHEM 110 General Chemistry (E)
The fundamental chemical laws and theories. A one-semester coverage of general chemistry that meets minimum prerequisite requirements of CHEM 250, but not of CHEM 227. Previous knowledge of chemistry not required. Credit: 4. (S)

CHEM 111 General Chemistry (E)
The first course of a two-semester sequence (111, 112) covering the fundamental chemical laws and theories. For students planning to take advanced courses in chemistry. High school chemistry recommended, but not required. Credit: 4. (F)

CHEM 112 General Chemistry (E)
Continuation of CHEM 111. Prerequisite: CHEM 111 or equivalent. Credit: 4. (S)

CHEM 250 Organic Chemistry (E)
A one-semester coverage of organic chemistry. Concurrent enrollment in CHEM 252 required. Prerequisites: CHEM 110 or 112. (S)

CHEM 252 Organic Chemistry Lab (E)
Laboratory applications of the chemistry taught in CHEM 250. Concurrent enrollment in CHEM 250 required. Credit: 1. (S)

CHEM 261 Organic Chemistry for non-majors (E)
The first in a two-semester sequence (261, 262) surveying the principal classes of organic compounds and their reactions, with emphasis on the relation between structure and reactivity. Concurrent enrollment in CHEM 263 required. Prerequisites: CHEM 112 or 114. (F)

CHEM 262 Organic Chemistry for non-majors (E)
Continuation of CHEM 261. Concurrent enrollment in CHEM 264 required. Prerequisites: CHEM 261 or equivalent. (S)

CHEM 263 Organic Lab
The experimental techniques of organic chemistry. Concurrent enrollment in CHEM 261 required. Credit: 1. (F)

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CHEM 264 Organic Lab
Continuation of CHEM 263. Concurrent enrollment in CHEM 262 required. Credit: 1. (S)

CIVIL ENGINEERING

CE 240 Statics
A vector approach to the study of force systems—those with resultants and those in equilibrium. Topics include trusses, friction, distributed forces, centroids and moments of inertia. Prerequisite: integral calculus. (F)

CE 241 Strength of Materials I
Simple and combined stresses and strains in materials subjected to tension; compression; torsion; bending; and buckling. Prerequisite: Applied Mechanics: Statics. (F)

CLASSICS

CLASSICS 224 Greek Mythology: Myths, Dreams, Fantasies (C)
The peculiar laws and structures that govern the mythic mode of thought and the various theories which claim to unriddle them. Examples of topics include: How Greek myths work in Greek and later Western literature; the origins of present day attitudes in Greek mythology. (F)

CLASSICS 265 Greek Drama in Translation (C)
Reading the major works of the three great tragedians: Aeschylus (*Agamemnon, Eumenides, Prometheus Bound*); Sophocles (*Oedipus the King, Antigone, Ajax*); Euripides (*Medea, Hippolytus, Iphigenia at Aulis*); and the comedian Aristophanes (*Clouds, Frogs*). Explores tragedy and comedy, and their role in Athenian society of their day. No previous experience in classics required. (S)

COMPUTER & INFORMATION SCIENCE

COINS 102 Computers and Society
The use of computers to solve social problems. Topics like data banks, security, computerized voting, automated health care, computer-aided instruction. The long-range impact of computers. (F)

COINS 122 Introduction to Problem Solving Using the Computer (E)
Problem solving and FORTRAN programming for students from all disciplines. Concepts associated with problem solving valid for many types of problems. Use of FORTRAN on the KRONOS time-sharing system. Laboratory included. Credit: 4. (X)

COMMUNICATION DISORDERS

COMDIS 691A Seminar: Audiology
Analysis and discussion of major problems in *audiology*. Specific topics to be determined by registrants and instructor. For those primarily interested in Audiology. Permission of instructor required. (X)

COMDIS 691S Seminar: Speech/Language Pathology
Analysis and discussion of major problems in Speech/Language Pathology. Specific topics to be determined by registrants and instructor. For those primarily interested in Speech/Language Pathology, but open to Audiologists. Graduate status required. (X)

COMDIS 698A Practicum: Clinical Practice in Audiology
Supervised clinical practice with children and adults with various hearing disorders; group and individual therapy techniques; on-campus and off-campus experiences. Prerequisite: Basic audiology course. Credits: 1-3. (X)

COMDIS 698S Practicum: Clinical Practice in Speech
Supervised clinical practice with children and adults with various speech and language disorders; group and individual therapy techniques; on-campus and off-campus experiences. Prerequisite: Basic courses in speech and language pathology. (X)

COMMUNICATION STUDIES

COMSTU 121 Introduction to Mass Communications (D)
Overview of history, development, structure, roles, and function of mass communications. Standards for evaluation of the mass media and understanding their role in society. (S)

COMSTU 150 The Process of Communication (D)
The process and function of communication in the two-person, small-group, and public contexts. Topics include: outcomes of communication, development of a model of interpersonal communication, learning theory, person perception, interpersonal attraction, language, and nonverbal messages. (S)

COMSTU 240 Modes of Film Communication
Introduction to the nature and function of film narrative and non-narrative approaches to film communication. A basic grounding in design and function of contemporary film forms. (S)

COMSTU 250 Interpersonal Communication
Theoretical and practical understanding of interpersonal communication processes. Emphasis on the behaviors of everyday verbal and nonverbal communication that affect ourselves, others, society, and future communication. (F, S)

COMSTU 252 Small Group Communication (D)
The theory and process of small group communication. Emphasis on task and interpersonal aspects. Practical application through small group experiences. (F)

COMSTU 331 The Program Process in Television
The basic program process of television from original idea to finished product. Training and procedures involved in the technique of television production. Experience in creating and producing television programs. Evaluation of program forms. Prerequisite: COMSTU 221 for COMSTU majors; none for non-majors. (F)

COMSTU 791C Seminar: Mass Communications: Mass Media and the Classroom
Evaluation of the nature, trends, and effects of television and other mass media in relation to the educational process. Experimentation and exposure to practical aspects of the media and their use in education. Emphasis on student needs and interests. Workshop, laboratory, and seminar approaches. Permission of instructor required. (X)

COMPARATIVE LITERATURE

COMLIT 110 Myth, Fairy Tale and Children's Literature (C)
Literature as one of the modes of cultural expression. Some basic myths and folktales and their use in classics of children's literature. Social and psychological, as well as strictly literary, approaches. Readings include classical and Norse myths; Aesop; Grimm; Hans C. Andersen. (F)

ECONOMICS

ECON 103 Introduction to Microeconomics (D)
Introductory analysis of resource allocation and income distribution through microeconomic theory. Specific problems illustrate the use of the theoretical precepts developed. (F)

ECON 104 Introduction to Macroeconomics (D)
Theory of the behavior of the American economy. Emphasis on the goals of full employment, price stability, economic growth and balance of payments equilibrium. (S)

for High School Teachers of Writing & Literature

ENGLISH 891D - *CREATIVE WRITING WORKSHOP*
Applications to the Teaching of Writing in Secondary Schools—John Clayton, Mon., Wed., Fri.—1:00-3:30

Also available during the Second Summer Session

THEATER 490A - Techniques of Oral Expression, Doris Abramson
ENGLISH 891C - Reading and Teaching Fiction, Frederick Robinson
ENGLISH 891B - Seminar on Yeats, David Clark
ENGLISH 891A - Seminar: The Novels of the Brontes, Robert Keefe

ECON 203 Intermediate Microeconomic Theory
Microeconomic analysis of consumers, firms, industries, and markets; rational decision-making under conditions of certainty; balancing forces in a free enterprise economy. Prerequisite: ECON 103 and 104, or permission of instructor. (F)

EDUCATION

DIVISION OF HUMAN SERVICES AND APPLIED BEHAVIORAL SCIENCE

EDUC H570 Principles of School Guidance
The nature of guidance and its need in the schools. An overview of an adequate guidance service for a school system. (X)

EDUC H605 Theory of Counseling for Community Agencies and Schools
Counseling theory and research evaluation. Methodology, philosophies, ethics, problems, and issues of school counseling. Prerequisite: EDUC H570. (X)

EDUC H631 Laboratory for Counseling Skills
The general nature of theory construction, levels of explanation, relationships of philosophy, psychology and sociology, various methods of facilitating human growth and development. Prerequisite: EDUC H605. (X)

EDUC H747 Family Counseling
A variety of modes of assessment in family counseling. Lectures, demonstrations, videotapes, exercises and readings. Application of learnings to actual family interviews and ones own family-of-origin. (X)

DIVISION OF INSTRUCTIONAL LEADERSHIP

EDUC I504 Introduction to Bilinqual Education
Introduction to Bilingual/Bicultural Education; a mandated Massachusetts state law. Review of the state law, LAU-Nichols law and various Federal Court decisions. Discussions of child rearing practices, cultural conflicts, the bilingual classroom setting and current practices in the field. Prerequisite: Junior, Senior or graduate level. (X)

EDUC I533 Methodology in Teaching English as a Second Language I
Methods and materials for the teacher of English as a second language working adults in various settings. A hands-on course; blends in theory of second Language Teaching and Learning Skills. Prerequisite: Junior, Senior or graduate status. (X)

EDUC I572 Teaching Reading to Special Populations K-12
Approaches to the teaching of reading to such special populations as the disadvantaged, the gifted, and the emotionally disturbed; stress on the individualized and experience approaches. One group studied intensively. Prerequisites: Teaching experience or a methods course. Class size limited to 20. (X)

EDUC I590N Instructional Issues and the Curriculum
Selected issues, theory and present practice. Emphasis on selection of the best teaching modes and instructional setting in terms of the knowledge, skills and attitudes to be taught. (X)

EDUC I590R Individualized Unit Development
Design and development of a classroom unit (or a combination of units equivalent to four to six weeks of classroom time) up to the field test stage. First covers goals, processes and techniques of unit development; thereafter, development of a unit of study appropriate to the teacher's own classroom. Follow-up implementation and evaluation of the unit in the teacher's own classroom provide opportunity for an additional 1-3 credits. (X)

EDUC I615 Workshop in Education
Priority given to teams of teachers and administrators who aim to uncover curriculum problems, determine beliefs about effective instruction, develop curriculum strategies and evaluation schemes, and implement plans during the fall. Includes: an intensive summer workshop, a week of team planning, and a follow-up session in the fall. Prerequisite: permission of instructor/interview. Interested people should call Dr. Bunker (413) 545-3121 or (413) 545-0246. (X)

EDUC I791K Seminar: Teaching Reading to Gifted Students
A review of the literature and practical applications in the teaching of reading to gifted students. Prerequisite: Teaching experience and/or reading methods courses. (X)

DIVISION OF EDUCATIONAL POLICY, RESEARCH, AND ADMINISTRATION

EDUC P351 Foundations of Education
Selected problems and issues in modern education studied through the discipline of educational sociology, educational history, educational philosophy, comparative education, or social psychology. Independent study of field experiences optional. Possible foci are educational aims, societal expectations of the schools, church-state relations, professionalism, academic freedom, curriculum and methodological emphasis, urban education, and educational innovation. Fulfills "Foundations" requirement for students seeking Teacher Certification. (F)

EDUC P615 Workshop in Education
A series of three technical agricultural workshops on topics determined by needs assessment surveys of Massachusetts teachers of vocational agriculture. The June workshop is to be held out-of-state in conjunction with the 1979 New England Vo-Ag Teachers' Conference; the two July workshops are to be conducted on the University's Amherst campus. Instructor assisted by selected faculty members of the College of Food and Natural Resources and technical specialists from other agricultural institutions within New England. Prerequisite: Teacher of Vocational Agriculture. Credit: 2-6. (X)

EDUC P691D Seminar: Agricultural Education on Wheels
A five-day multi-state tour of outstanding programs of vocational education in agriculture in the Northeast. Includes on-site seminars with teachers, administrators, and local advisory committee members at selected schools, meetings with key agricultural leaders, and tours of instructional facilities and agribusiness firms. Participants required to complete a written report of their observations within 10 days of the seminar's completion. Prerequisites: Teacher of Vocational Agriculture; bedroll. (X)

ELECTRICAL AND COMPUTER ENGINEERING

ECE 211 Systems Analysis I
Physical characteristics and mathematical models of system elements; techniques for writing and solving system dynamic equations with application to electronics and other types of circuits. Prerequisites: ENGIN 104 and MATH 132 or 136. Credit: 4. (F)

ECE 212 Systems Analysis II
Concepts relating to transfer functions; digital and analog solutions of system equations, time and frequency domain analysis techniques with use of the LaPlace transformation. Prerequisite: ECE 211. Credit: 4. (S)

ECE 302 Active Networks I
Introduction to active devices, physics of the p-n junction, JFETS, MOSFETS, BJT's, Digital logic families: RTL, DTL, TTL, CMOS, I^2L. Prerequisite: ECE 211. (S)

ECE 410 Introduction to Digital and Computer Systems
Introduction to the theory of digital systems stressing general techniques for the analysis and synthesis of combinational and sequential circuits and their application to computer system design. Prerequisite: Sophomore standing. (F)

ECE 411 Introduction to Computer Organization and Assembly Language Programming
Computer organization (data representation, instruction sets and format, functional units) and assembly language programming (loaders, assemblers, linkers, interrupt driven I/O) with hands-on DEC PDP11 laboratory experience. Prerequisites, Introductory computer programming and ECE 410. Credit: 4. (S)

ENGLISH

ENGL 269A Aspects of British Literature (C)
The writings of Charlotte, Emily, and Anne Bronte. Opportunity to compare and contrast the imaginative reactions of three different minds to the same family environment. The three sisters grew up in a household shadowed by death: their mother and their two oldest sisters died when the three future novelists were still small children. Includes the art of the three women, in part from this vantage point, as differing reactions to the experience of death. Readings include *The Professor, Jane Eyre, Shirley,* and *Villette* by Charlotte, *Wuthering Heights* and a small selection of poetry by Emily, and *The Tenant of Wildfell Hall* by Anne. A 5-page paper and final exam required. (S)

ENGL 270A Individual British Authors: W. B. Yeats (C)
A lecture and discussion of Yeats as leader of the Irish Renaissance and as modern poet and experimental dramatist. Some acquaintance with Yeats's predecessors such as Mangan and Ferguson and his friends in the Irish movement such as Synge, Lady Gregory, Stephens, and O'Casey. Yeats's development and influence as a dramatist, as a thinker and author of *A Vision*, and primar-

ily as a poet who responded to each decade with a new kind of achievement. The instructor has photos of original manuscripts of the poems and plays so that Yeats's process of composition may be traced. Readings include *The Collected Poems of W. B. Yeats* (Macmillan); *Eleven Plays* by Yeats (Collier); Yeats, *Autobiography* (Collier); Yeats, *A Vision* (Collier); Yeats, *Essays and Introductions* (Collier). Requirements: Hour exam, short paper, final exam. (S)

ENGL 891A Seminar: The Novels of the Brontes
The seven novels of Charlotte, Emily, and Anne Bronte, as well as selected juvenilia and poems, and Mrs. Gaskell's *Life of Charlotte Bronte.* The approach uses the sisters as the object of a study of the manner in which private fantasy becomes the stuff of a highly successful public art. Using Mrs. Gaskell's Life, and selections of early writings as a starting point, students examine the devices, both conventional and original, which enable the novels to serve as forms which communicate to a wide public audience. Time permitting, there will be discussions of the nature of the needs and expectations of the Victorian reading public. (S)

ENGL 891B Seminar: Yeats
Introductory sessions on Yeats's sources and his leadership of the Irish Renaissance, his philosophy in *A Vision,* his life as a man of the theater and his development as a dramatist. The course then concentrates on the poetry, particularly that of *The Tower* and *The Winding Stair.* The instructor has photos of the original manuscripts and is engaged in editing those of *The Winding Stair* for publication. The use of manuscripts in scholarship and criticism and the problems and methods of transcribing, interpreting, and editing Yeats's working drafts are a main concern of the latter part of the course. Readings: *The Variorum Edition of Poems of W. B. Yeats* (Macmillan); Yeats, *Eleven Plays* (Collier); Yeats, *Autobiography* (Collier); Yeats, *Essays and Introductions* (Collier); Yeats, *A Vision* (Collier); Yeats, *Explorations* (Collier). (S)

ENGL 891C Seminar: Reading and Teaching Fiction
A course for graduate students who teach, and for MAT students and in-service secondary school English teachers. Fiction studied from the vantage of those who write it and read it, without special systems of analysis or special information. Involves a close attention to narrative voice, to the unique experience of a narrative in the process of expressing its unique meaning. In the instructor's opinion, such an approach is particularly valuable to teachers who want students to develop the habit of reading because that habit is pleasurable and rewarding. If the number of students allows, each student will teach an hour of the course, in the second half. Constant attention to how teaching strategies can derive from this approach. Readings: a collection of short fiction, and 4 or 5 novels, mostly contemporary. (S)

ENVIRONMENTAL DESIGN

ENV DES 212 Principles of Graphic Communication
Theories of projection as related to graphic communication. Primarily for non-majors. 1 class hour, 6 studio hours. Credit: 4. (F)

FRENCH

FRENCH 110 Elementary French
Continued training and practice in reading, writing, speaking and understanding. Students with previous study of French are advised to enroll in FRENCH 120 during fall or spring semesters. (F)

FRENCH 144 Intermediate Fiction
Reading contemporary French fiction without recourse to translating to English; works of contemporary writers. Prerequisite: 130 level French. (F)

FOOD SCIENCE & NUTRITION

FS & N 130 Nutrition and People (E)
Basic facts and principles of human nutrition. Application of this knowledge to maintenance of good health and vigor. Contemporary problems in human nutrition. For students not majoring in food science and nutrition. (F)

GENERAL BUSINESS & FINANCE

GB FIN 260 Introduction to Law
The nature, function and limits of law. Various theoretical approaches to law as an important institution in society. Selected problems of law, power and stratification and the relationship of law and values in society. (F, S)

GB FIN 301 Corporation Finance
Corporate financial behavior; appraisal of factors affecting decision-making regarding sources and application of funds; introduction to capital budgeting and cost of capital problem. Prerequisite: ACCTG 221 or permission of instructor. (F, S)

GB FIN 310 Financial Institutions
The American financial system and functional relationships between financial institutions and economic activities of households, business firms and governmental units. Prerequisites: ECON 104 and ACCTG 221. (F)

GB FIN 320 Investments
Development of the general theory of investment with emphasis on the individual investor; practical application of the techniques to real world problems. (F)

GERMAN

GERMAN 110, 120 Elementary German
For the student who has no previous training in German. Emphasis on understanding and reading. Sequence to be followed: GERMAN 110, 120, 230, 240. (110, F; 120, S)

GERMAN 232, 242 Intermediate German
For Honors students and prospective German majors and those interested in intensive practice in the four language skills. Emphasis on speaking and reading. Intensive review. Readings and discussion (in German) of modern German literature. Prerequisite: GERMAN 122 or equivalent. Use of tape library in the language laboratory. (232, F; 242, S)

HISTORY

HIST 141 European History, 1815 to the Present (C)
The historical development of Western European thought and institutions. History majors are strongly urged to take this course before registering for advanced European courses. (S)

HIST 150 Development of American Civilization to 1876 (C)
The roots of our national experience from the Revolution through the 1860s. Focus on the period when the American people shaped their fundamental political institutions, tamed the wilderness, uneasily confronted the emerging world of cities and factories, plunged into a wide array of reform movements, and wrestled with a moral and political crisis which ultimately drew them into the Civil War. (F)

HIST 151 Development of American Civilization 1876 to Present
The process by which the late 19th century United States became the world's leading industrial power, including technological and political aspects as well as human and social implications. Covers the progressing era, World War I, the Roaring Twenties, the Depression and our current era. (S)

HIST 284F
HIST 597C
Topics in US History
Students own family history explored. Focus on researching in depth a specific stage, e.g. the immigrant experience, the Twenties, the Depression, World War II, etc. - in the life of a parent, a grandparent, or variety of available sources, and oral reports. Individual conference and independent research are stressed. Course responsibilities include regular class participation and writing a 15-20 page paper. No exams. Note: May be taken as 597C for graduate credit. Graduate students will do some additional reading on family history as a teaching technique. (F)

HIST 364(C)
HIST 597A
The Civil War Era
The causes, execution, and consequences of the American Civil War. Emphasis on sectional conflict from the early national period to Southern secession in 1860-1861, to the nature and conduct of the war itself, and to the war's profound consequences. This course may be taken as 597A for graduate credit. (F)

HIST 373
HIST 597B
American Thought and Culture
The basic strands of American thought and their reflection in American culture, the Gilded Age and 20th century. This course may be taken as 597B for graduate credit. (S)

HIST 735 Seminar in the Progressive Era in the United States
Training in historical research. Prerequisite: permission of instructor. Credit: 4. (F)

register by mail

HOME ECONOMICS

HOM EC 488B Field Study, Consumer Economics
Field experience in public or private organization concerned with consumer education, consumer protection, consumer information or consumer advocacy. Prerequisite: 6 credits Consumer Economics courses, 3 credits Community Service courses, 3 credits communications skills courses, or permission of instructor. Credit: 1-15. (X)

HOM EC 594C Seminar: Childrearing
The major programs for training parents in childrearing techniques. Relates the programs to theory and research findings concerning the relationship between parents and children. Give some practice in the techniques discussed. Reviews Parent Effectiveness Training, Relationship Enhancement, Behavior Modification, Dreikurs (Adlerian) approach, etc. (F)

HOM EC 594D Seminar: Marital Enrichment
The major approaches to the enrichment of marital relationships. Review of some of the major clinical approaches to treatment of marital problems (particularly in interpersonal communication and sexual expression). (S)

HOM EC 693A Seminar: Interpersonal and Family Theory
The major theories of interpersonal and family relationships. Reviews procedures for developing theory in interpersonal relationships. (F)

INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH

IE 453 I.E. Economics I: Engineering Cost Control
Accounting principles and financial record keeping methods, determination of costs of all aspects of manufacturing, inventory management, and budgetary planning and control. Open to all technically-oriented students. Prerequisite: ECON 100 or 103 or permission of instructor. (F)

IE 454 I.E. Economics II: Engineering Economics Problems
Comparison of alternatives in engineering projects, use of discounted cash flow techniques, breakeven and minimum cost points, and economic selection and replacement of structures and machines; decisions made in the face of risk and uncertainty. Prerequisite: Permission of instructor. (S)

ITALIAN

ITALIAN 126 Intensive Elementary Italian
The acquisition of basic language skills. Learning effected by means of immediate correction and continual reinforcement. An alternative to the first year of the traditional four-semester sequence. Covers work normally done in one year; does not double the work. Credit: 6. (F)

JOURNALISTIC STUDIES

JS 110 Introduction to Journalistic Writing
Lecture/demonstration/practice. Five basic forms of fact writing, based on journalistic principles. Guides the non-journalist to awareness of who the reader is and how the writer can best reach him/her. Open to all who wish to learn how to write letters, publicity releases, articles, scholarly papers, or special reports. (X)

JS 200 Introduction to Newswriting and Reporting
The basic techniques of journalism, print and broadcast. A laboratory course. Students report and write under immediate professional supervision. (X)

JS 291S Editing Specialized Publications
A case-study approach to editing publications. Editing and rewriting actual texts, from rough submissions to final galleys. Problems include: heavy vs. light editing (and how not to confuse this with crude vs. sensitive editing), editing to save the author's ego while killing the author's bias, editing or rewriting the same material for different audiences, and editing for children. Other basic editing problems: sources, resources, reference works, main routes and shortcuts, house styles and manuals; the grammar and punctuation of copy-editing. Prerequisite: some experience in editing-writing. (X)

JS 375 News Editing
Focus on the copy editor's role in the journalistic process. Emphasizes news editing, headline writing and newspaper layout. Practical editing; discussions of broader areas of copy editing responsibility: news values, libel, and taste. Requirements: In-class participation, final exam. Prerequisite: JS 200 Designed for Journalistic Studies majors of junior and senior standing. Journalism Adviser's permission recommended before registration. (X)

JS 392A Seminar: Magazine Article Writing
Research, proposal, and writing of an article for publication. Emphasis on developing ideas of interest to the student into a written marketable form. Sources of publications—from the *Daily Hampshire Gazette* to the *New York Times* magazine section—explored. Variety of readings, including articles, short stories and poetry. Students make a research report and learn to write letters of proposal as well as complete at least one article for publication (actual acceptance not required). For juniors and seniors in Journalistic Studies, or by consent of instructor. (X)

LATIN

LATIN 110 Intensive Elementary Latin
An introduction to Latin for students wishing to learn it, or to complete the language requirement, in two semesters. Students who wish may continue in LATIN 140 in Session S (see below). Credit: 5. (F)

LATIN 140 Intensive Intermediate Latin
A continuation of Latin 110 in Session F of summer school. Uses the same books. Students completing this course fulfill the Foreign Language requirement. Prerequisites: LATIN 110 or 125, or 1-2 years of high school Latin. Credit: 5. (S)

LATIN 140C Intensive Intermediate Latin
Designed for students who have completed LATIN 125 or LATIN 110, and wish to complete the Foreign Language requirement, which this course fulfills. Textbook: the Cambridge method, III and IV. Prerequisites: LATIN 110 or 125 or 1-2 years of high school Latin. Credit: 5. (F)

LEISURE STUDIES & RESOURCES

LS & R 391C /Reg Pl. 591 C Commercial Recreation
Introduces the nature and function of commercial recreation enterprises. Business methods and terminology presented and analyzed so as to be readily understood by nonbusiness-oriented students. From this analysis, the student develops an analytical framework which can be utilized for management decisions within commercial recreation enterprises. (S)

LINGUISTICS

LINGUISTICS 101 People and their Language (C)
A wide range of language-oriented topics: dialectal variants, language change and introduction to transformational grammar. Recent developments in linguistic theory; consequences of this theory for our view of mankind. (S)

LINGUISTICS 201 Introduction to Linguistic Theory (C)
The nature of language; important aspects of linguistic structure, viewed from the standpoint of modern linguistic theory. Emphasis on syntactic problems; some attention to phonology, language acquisition, etc. (F)

MANAGEMENT

MGT 301 Principles of Management
Introduction to the fundamentals of the management of organizations. Survey includes behavioral background of formal organizational life, organizational design, integrating factors in collective behavior, organizational change, systems analysis, techniques of decision making and control, the organization and its environment, and the nature of management theory. (F,S)

MGT 314 Personnel Management
Principles and policies followed by management in recruitment, development, direction, and control of personnel. (F)

MGT 330 Managerial Behavior
Principles of human behavior in organizations: understanding of one's self as a person and as a manager; development of interpersonal managerial skills. Prerequisite: MGT 301. (F)

MGT 331 Administrative Theory
Principles of administration, modern organization theories, specialization, functionalization, coordination, planning and control, authority status, leadership, decision-making, communication, and power-structuring. Prerequisites: MGT 301 and 330. (S)

MGT 365 Business and Its Environment
A critical examination of the social, political, technological, and ethical issues confronting the contemporary manager and the modern corporation. Competing concepts of the role of business in society. Prerequisite: junior standing or permission of the instructor. (S)

MARKETING

MKTG 301 Fundamentals of Marketing
The role of marketing in our economic and social structure. The planning, distribution, pricing and promotion of goods and services to consumer and industrial markets. (F, S)

MATHEMATICS

MATH 104 Algebra/Analytic Geometry/ Trigonometry
(Not a core) Replaces the combination of MATH 101-102-103. Covers topics in algebra. An introduction to functions. Some analytic geometry and trigonometry. (X)

MATH 120 Mathematics for Business I (E)
Designed for School of Business Administration students. Analytic and linear mathematical methods and their application to business. Derivatives, extrema, and introduction to the integral. Credit not given after MATH 127 or 131. Prerequisite: high school algebra. (F)

MATH 121 Mathematics for Business II (E)
Continuation of MATH 120. Techniques of integration, partial derivatives, linear systems of equations, matrices, vectors, Markov chains, and linear programming. Credit not given after MATH 112, 233, or 235. Prerequisite: Math 120. (F, S)

MATH 127 Calculus for the Life and Social Sciences I (E)
Introduction to differential and integral calculus. Applications to the life and social sciences stressed. Credit given for only one of the courses MATH 120, 127, 131. Prerequisite: high school alegbra. (F)

MATH 128 Calculus for the Life and Social Sciences II (E)
Continuation of MATH 127. No credit after MATH 121, 132, 133. Prerequisite: Math 127. (S)

MATH 131 Calculus I (E)
Introduction to differential and integral calculus of functions of a single variable: continuity, derivatives, extrema, curve sketching, the integral, elementary integration techniques. Primarily for students in Math and the sciences. Credit given for only one of the courses MATH 120, 127, 131. Prerequisites: high school algebra, plane geometry of lines and conic sections, or MATH 101, 102, and 103. Credit: 4. (X)

MATH 132 Calculus II (E)
Continuation of MATH 131. Integration techniques, limits, partial derivatives, integrals as limits, improper integrals, theorems of Cauchy and Taylor, infinite series and power series, smooth curves. Credit given for only one of the courses MATH 132 and 133 (138). Prerequisite: MATH 131. Credit: 4. (X)

MATH 233 Multivariable Calculus (E)
Funcitons of several variables, partial derivatives, multiple integrals, theorems of Green, Stokes, and Gauss. Prerequisite: MATH 132/ 133. (X)

MATH 235 Introduction to Linear Algebra (E)
Vector spaces over the real field, linear independence, linear equations, bases and dimension, inner product spaces, linear transformations and matrices, determinants, eigenvalues, applications to geometry. Prerequisite: second semester of calculus. (X)

MATH 411 Introduction to Modern Algebra (E)
Introduction to groups, rings, and fields. Not for credit after MATH 511. Prerequisite: MATH 235. (X)

MATH 431 Ordinary Differential Equations for Scientists and Engineers (E)
First and second order equations, elementary theory of Laplace transforms, systems with constant coefficients. Not for credit after MATH 531. Prerequisite: MATH 132/ 133. MATH 233 recommended as a corequisite. (X)

MATH 597A Special Topics: Geometry for High School Teachers
The Desargian Affine Plane is the basic topic. This generalization of a Euclidean plane provides insight into the connection between the geometric properties of points and lines and algebraic properties of the real number system. (X)

MATH 597B Special Topics: Probability & Statistics for High School Teachers
Emphasizes the concepts of statistical inference and their development from, and dependence on, the fundamental notions of probability. The theory of probability comprises over half the course. (X)

MECHANICAL ENGINEERING

ME 210 Mechanics I
A vector treatment of the equilibrium of particles and rigid bodies. Topics include: vector alegbra, forces, moments, couples, equations of equilibrium, free-body diagrams, graphical techniques, constraints, structures and mechanisms, friction, centroids and moments of inertia, the method of virtual work. Prerequisites: MATH 132, PHYSIC 161. (F)

ME 211 Mechanics II
Notions of stress, strain, and Mohr's circle. Tension shear and torsion. Plane stress and plane strain; moments of inertia. Shear force and bending moment diagrams. Deflection of beams; indeterminate beams; Castigliano's principle; plastic bending of beams. Mechanical properties of materials. Prerequisite: ME 210. (F)

ME 230 Thermodynamics I
The laws of thermodynamics introduced and applied to various energy-transforming devices. Property relations. Emphasis on the science of thermodynamics, providing a background for further study in those areas that involve thermodynamic principles. Prerequisites: PHYSIC 162, MATH 233. (F)

MICROBIOLOGY

MICBIO 150 Biology of Microorganisms (E)
The microbial world, including history, structure, growth, ecology, physiology, pathogenesis, and microbial genetics. (F)

MUSIC & DANCE

MUSIC 100 Appreciation-Introduction (C)
Open to all students not majoring in music. Previous musical training not required. Basic music materials, principles of design, and cultural significance of representative works from the ninth century to the present. (F)

MUSIC 113 Elementary Music Theory (C)
Notation, ear-training, solmization, sight-reading, harmony, counter-point, analysis by score and sound of music literature from all periods, orchestration, improvisation and original composition. Open to music majors and music minors upon approval of the Chief Advisor of the Department of Music. Prerequisite: MUSIC 112. (F)

MUSIC 610 Music Literature: 1600-1750
Analyzing composition during 1600-1750. Prerequisite: Grad music standing. (F)

PHILOSOPHY

PHIL 100 Introduction to Philosophy (C)
Some of the most important general questions, ideas, theories, and methods of inquiry which have given direction to Western thought. (F)

PHIL 110 Introduction to Logic (E)
The nature of critical thinking, including the function of language, the structure of deductive arguments, and a glimpse at inductive methods. (F)

PHYSICAL EDUCATION

PE 100 GO1 Intermediate Swimming
Emphasis on mechanics of strokes and endurance swimming. Prerequisite: Beginning Swim or equivalent. Credit: 1. (S)

PE 100 GO2 Distance Swimming
Instruction in some basic competitive techniques and distance swimming. Prerequisite: Intermediate Swim or Strong swimmer. Credit: 1. (F, S)

PE 100 G16 Jogging and Conditioning
A progressive, individualized program for the development of cardiovascular endurance and general physiological well-being. Credit: 1. (F, S)

PE 100 G20 Games/Personal Growth
A variety of play, sport, and physical activity experiences; participants explore personal physical activity patterns and discover ways to facilitate personal positive changes in physical activity lifestyle; personal definition of physical activity. Credit: 1. (F)

PE 100 G21 Jogging and Self-Awareness
A holistic approach to jogging. Relaxation, visualization, meditation, and values clarification techniques to enhance self-awareness and increase the enjoyment of running in a supportive and non-competitive environment. Credit: 1. (F)

PLANT & SOIL SCIENCES

PLSOIL 120 Organic Farming and Gardening (E)
Basic principles of plant nutrition and culture, soil fertility and management by organic methods, biological and natural control of insect pests, weeds and plant diseases, variety selection, and alternative chemical methods. (X)

POLITICAL SCIENCE

POLSCI 101 American Politics (D)
Introduction to constitutional principles and public policy-making in American national government. Democratic theory, major national political institutions, electoral behavior, and selected public policy questions. (S)

POLSCI 141 Problem—Contemporary Politics (D)
Misbehavior and corruption in the United States, with some references to other countries. Major topics include: Watergate, the "Big City Machine," the CIA, and corruption in selected states. (F)

POLSCI 255 American Foreign Policy (D)
Principles of American foreign policy. Emphasis on constitutional, political, and administrative considerations that influence the formation and execution of foreign policy. (S)

POLSCI 336 (D)
POLSCI 636
Government and Politics of the Soviet Union
Historical and ideological influences on Soviet politics; the interconnection of social and political institutions and processes; membership, organization, and operation of the Communist Party; the state structure and law; and contemporary Soviet foreign policy. (F)

POLSCI 374 Issues in Contemporary Political Theory (D)
At least two prominent schools of social theory having as their central focus technological society. What each of the schools understands to be the major features of a technological society; how such societies are to be distinguished from less advanced industrial societies; the stresses which promote and retard tendencies toward social change, and the nature of social theory within a technological social order. Requirements: Short papers. (F)

PORTUGUESE

PORT 126 Elementary Intensive Portuguese
Emphasis on the oral aspect. Designed to allow completion of PORT 110 and 120 in one semester. Credit: 6. (F)

PSYCHOLOGY

PSYCH 100 A, B Elementary Psychology (D)
An introduction to the basic approaches and concepts of modern psychology. Examples from the areas of perception, conditioning, cognitive processes, social behavior, tests and measurements, and personality. (F, S)

PSYCH 110 Psychology as a Natural Science (D)
Introduction to psychology including those fields concerned with a natural science approach to the study of behavior. Emphasis on the scientific method, biological determinants and bases of sensation, perception and learning, comparative and evolutionary perspectives on behavior and the role of early experience and language in human behavior. (F)

PSYCH 150 Psychology as a Social Science (D)
Introduction to the basic approaches and concepts of psychology as a social science. Topics include issues from clinical, developmental, educational, human learning, and language, personality and social psychology. (S)

PSYCH 205A Educational Psychology (D)
Psychological facts and principles of development, learning, and measurement as applied to educational situations. Prerequisite: PSYCH 100 or 150. (S)

PSYCH 240 Statistics in Psychology
Introduction to statistical principles and techniques as applied to psychological data. Prerequisite: knowledge of basic alegbra; PSYCH 100. (F)

PSYCH 241 Methods of Inquiry in Psychology
Introduction to the way questions about behavior are formulated and then tested through laboratory experiments, field research methods, naturalistic observation techniques. Lectures, discussions, and laboratory. Concepts from many areas of psychology, to illustrate procedures used in designing, conducting, reporting, and interpreting psychological research. Prerequisites: PSYCH 110, 150, and 240. (S)

PSYCH 280A, B Abnormal Psychology (D)
Abnormal behavior including major psychological disorders. Emphasis on various contemporary approaches to their understanding and treatment. Prerequisite: PSYCH 100 or 150. (F, S)

PSYCH 350 Child Behavior & Development (D)
Psychological development of the child, including theories, methods, and data of child behavior studies. Prerequisite: PSYCH 100 or PSYCH 150. (S)

PSYCH 355 Adolescent Psychology (D)
The development and emotional, social and intellectual adjustment of the individual during adolescence. Prerequisite: PSYCH 100 or 150. (F)

PSYCH 360 Social Psychology (D)
Introduction to the principles and study of social behavior. The psychological factors involved in attitude formation and change, communication and persuasion, and small group processes. Prerequisite: PSYCH 100 or 150. (S)

PSYCH 370 Personality (D)
Introduction to the scientific study of personality. Personality development, structure and dynamics from major theoretical orientations. Prerequisite: PSYCH 100 or 150. (F)

GERMAN & FRENCH
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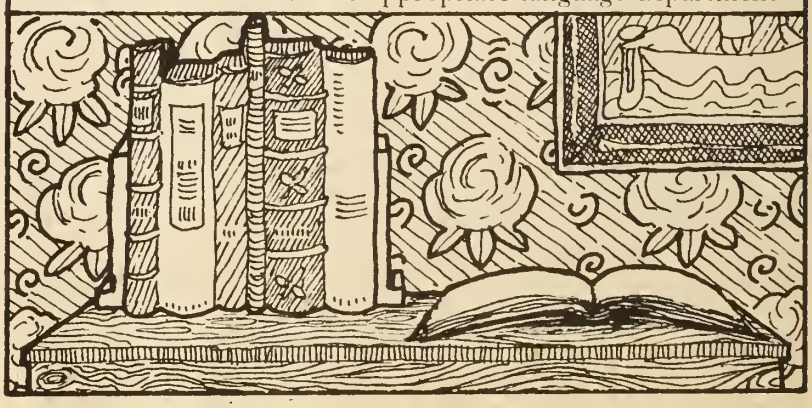

PE 100 G55 Bowling I
An introductory course designed to develop sufficient proficiency for participation in recreational bowling. Alley charge: $13. Credit: 1. (F)

PE 100 G63 Golf I
A basic course for the development of essential skills and knowledge needed for participation in the sport. Prerequisite: Students supply their own club and balls. Credit: 1. (S)

PE 100 G66 Tennis I
An introduction to the basic strokes, scoring, simple strategy in singles and doubles play. Prerequisite: Students supply their own racquet and balls. Credit: 1. (F, S)

PE 100 G67 Tennis II
Development of skills of Tennis I. Singles and doubles tournament play. Prerequisite: Tennis I. Students supply their own racquet and balls. Credit: 1. (F, S)

PE 100 G69 Backpacking
Introduction to basic skills necessary for enjoying a wilderness experience. Comparison of various types, constructions, and use of equipment, clothing and techniques of backpacking and exposure to hiking skills and philosophy. Outdoor lecture and laboratory experience. Field trip required. Lab fee $25. Credit: 1. (X)

PE 100 G71 Racquetball
Basic course of instruction in racquetball. Students supply their own racquet and balls. Credit: 1. (F, S)

PE 100 G72 Beginning Cycle Touring
Basic course in cycling, bike repair, long-distance cycle. Students provide their own 10-speed bicycle. Credit: 1. (F, S)

PHYSICS

PHYSIC 141, 142 Physics—Life Science Majors I, II
Mechanics, sound, heat; electricity, magnetism, light and modern physics, using trigonometry and algebra, but not calculus. Intended for pre-medical, pre-dental, pre-veterinary, and other life science majors. Prerequisites: MATH 130 previously or concurrently for PHYSIC 141; PHYSIC 141 for PHYSIC 142. Credit: 4 each. (141, F; 142, S)

PROFESSIONAL PREPARATION IN PHYSICAL EDUCATION

PEP 180 Adventures in Education
For undergraduates interested in a personal discovery approach to teaching. Uses the outdoors as the teaching environment. Personal growth is aimed for, through cooperative, as opposed to competitive, group activities. Much of the training in "Outward Bound" type of concept occurs on a "ropes course" on campus. (F)

PEP 197A Special Topic: Outdoor Bound
A group practical experience in the out-of-doors. Participants through group dynamic procedures explore and apply outdoor skills. Lecture and practical applications encompass camping techniques, orienteering, emergency first aid, group initiative activities and environmental concerns. Fee for equipment and materials. Two weekend experiences required. (X)

PEP 397A Special Topic: Personal Adventures in Alternative, Experiential Education
Designed to accommodate working, physical educators applying an alternative, experiential education model to their respective curriculums. A humanistic approach utilizing an outdoor setting. Emphasis on personal growth as well as providing training to lead the concept, regardless of age or subject matter taught. Much of the training in the "Outward Bound" type of concept occurs on a "ropes course" on campus. (F)

PEP 401 Applied Behavior Analysis
Individually paced content offering research information and techniques of behavior modification for teachers of physical education and coaches of sport. Prerequisites: Upper level undergraduates, Master's candidates or in-service teachers. (F)

PEP 597A Special Topic: Supervision in Physical Education
Presents techniques and skills of different supervisory models for physical education. Emphasis also on devloping self-monitoring programs for individual teachers. For upper level undergraduates, graduates or in-service teachers. (F)

RHETORIC

RHET 100G Rhetoric of Language and Writing (B)
Basic language behavior; several writing assignments. Emphasizes writing, editing, and re-writing to attain clarity in the use of words, syntax, and organization. Subject matter is interdisciplinay. (*Not* a remedial writing course.) (F, S)

RHET 110A Language and Speaking (B)
Focuses on improvement of skills in interpersonal and public communication situations. Primary concerns are selection, arrangement and development of ideas and materials for oral communication; the use of language for conveying meaning, thinking, reasoning, problem solving and decision making; analysis of audience attitudes and beliefs; identification of purpose and assessment of effects of communication; ethical considerations in influencing others; and evaluation of one's own and others' public messages. (F, S)

SCHOOL OF BUSINESS ADMINISTRATION

SBA 572 Advanced Federal Tax Procedures
Continuation of ACCTG 371 emphasizing corporations, partnerships, estates and trusts, gifts and estate taxes, tax planning and research. Prerequisite: ACCTG 371. (S)

SBA 583 CPA Law
Legal concepts and rules encountered in business transactions, with particular attention to subjects currently included in CPA examinations. Prerequisite: GBFIN 260 or permission of instructor. (F)

SBA 733 Accounting Information Systems
Accounting systems and their relationship to other business information system. Prerequisite: graduate accounting status or permission of instructor. (F)

SOCIOLOGY

SOCIOL 103 Social Problems (D)
Distribution and interrelationships among some types of deviance and disorganization, crime, mental disorders, addiction, suicide, family tension. Theories of causation; research projects. (S)

SOCIOL 106 Race, Sex, and Social Class: Inequality in America (D)
Differential distribution of opportunities and rewards in society. Manner in which membership in particular race, sex, or social class grouping may increase or diminish opportunities for positions of power, social prestige, economic security and psychological rewards. (F)

SOCIOL 110 Introduction to Sociology (D)
The fundamental terminology of sociology. Intensive discussion of selected topics from a sociological point of view. (F)

SOCIOL 222 The Family (D)
Development of customs of courtship and marriage and contemporary family. Basic causes of changes and trends of the family. (S)

SOCIOL 224 Social Stratification (D)
Factors associated with institutionalized inequality in social life. Class, status, and power in American society. (S)

SOCIOL 241 Criminology (D)
Nature of crimes and factors underlying criminal behavior. Machinery of justice: law, courts, police systems, and correctional institutions. (F)

SPANISH

SPAN 110, 120 Elementary Spanish I, II
For students with no previous creditable training in Spanish. Intensive practice in language skills. To fulfill the language requirement, upon completion of the course most students are required to continue by taking SPAN 130, 140. (110, F; 120, S)

SPAN 126 Intensive Elementary Spanish
Emphasis on oral aspect. Designed to allow completion of SPAN 110 and 120 in one semester. Credit: 6. (F)

SPAN 146 Intensive Intermediate Spanish
Emphasis on conversation in Spanish and readings in Hispanic literature. Systematic review of grammar. Successful completion of this course satisfies the foreign language requirement. Prerequisite: SPAN 126. Credit: 6. (S)

SPORT STUDIES

SPORST 200 Sport and Physical Activity (D)
Social action theory, group structure, social institutions, social processes, current cultural trends, and social problems in sport. (S)

SPORST 563 Social Psychology of Sport
Topics include personality, aggression, attitudes, competition, stress, social facilitation, and some small group research as related to athletes and individuals involved in sport (S)

SPORST 565 Sociology of Sport
Sport as a social institution, including structure and function. Topics include theories explaining the role of sport in society; the incidence, form, and regulation of sport in society; physical activity in contemporary society; and the social psychology of sport, including personality, attitude, and motivation. Prerequisite: SPORST 200. (S)

SPORST 769 Internship in Sport Management
On the job learning experience in a sport organization. Credit: 12. (X)

STATISTICS

STATIS 121 Elementary Statistics (E)
Selected topics in elementary probability and statistics: discrete models for chance experiments, conditional probabilities; "odds" and betting schemes, combinatorics, averages and standard deviation, random sampling, binomial and normal distributions, regression, statistical inference, chi square test. Students who intended to use statistics as a research tool, but who do not have a calculus background, should elect STATIS 431, 432. Students with calculus background should elect STATIS 415, 416. Credit given for only one of the courses STATIS 121, 140, 431, 415. (F)

STATIS 140 Statistics for Business (E)
Required of all undergraduates in the School of Business Administration. A one-semester introductory course. Descriptive statistics, a small amount of probability theory, and an introduction to the ideas of statistical inference. Topics include frequency distributions and measures of central tendency and of dispersion, linear regression, probability, the binomial and normal distributions, internal estimation, and hypothesis testing. (F, 6)

THEATER

THEATR 490A Techniques of Oral Expression
Dramatic and rhetorical approach to the analysis and oral performance of prose and verse. Prerequisites: Background in Literature and/or oral interpretation desirable but not required. (S)

WOMEN'S STUDIES

WOST 190A Feminist Writing Workshop
Concentration on and development of writing skills by finding voices that express the meaning of student's lives as women. Focus on journal writing and narrative prose — autobiography and short fiction. Emphasis on the use of material from students' lives: breakthrough in style and subject matter; how language is used by and about women in daily life; relationship between women's personal lives and the social and political context in which we live. Long-term focus: a group project on the theme of mothers and daughters, using material gathered from interviews, life experience, stories handed down by our mothers. Weekly assignments for the first 7 weeks; journal writing; topics include definitions of feminist writing; sex-differentiation in language; images of women in literature, and feminist literary criticism. Readings include: Adrienne Rich, *Of Woman Born;* Meridel Le Sueur, *Salute to Spring;* Virginia Woolf, *A Room of One's Own,*; excerpts from Tillie Olsen's *Silences.* (S)

WOST 290A Women and Health
An interdisciplinary course. Introduces the study of women. Focus on women's health care issues. The relation between physical and mental health and social structure, the changing shape of health care practices over time, and beliefs about what women were/are supposed to be. Topics include: sexuality, control of reproduction, motherhood, women's health and the workplace. Readings: *Our Bodies, Ourselves; Against Our Will; Complaints & Disorders: The Sexual Politics of Sickness; Witches, Midwives & Nurses; Wife Beating; Of Woman Born.* (F)

ZOOLOGY

ZOOL 101 Introductory Zoology (E)
Zoological areas of interest to humans personally and collectively including certain aspects of anatomy, physiology, inheritance, evolution, behavior, and ecology. (F)

ZOOL 197 Current Topics in Biology for Non-Science Majors
The biological mechanisms and logic behind biological issues in the popular media. The conceptual basis of the subject. Actual biological mechanisms introduced to clarify the subject. Readings from popular literature such as newspapers, magazines, and books. Topics include: the origin of life on earth and prospects for extra-terrestrial life; recombinant DNA and cloning; human development and reproductive physiology; physiology of exercise; the effect of drugs on the nervous system; medical aspects of death; environmental pollution; evolution; sociobiology. (S)

ZOOL 250 The Biology of Behavior (E)
Overview of the science of animal behavior; geared toward the non-major. Topics include: ethology, animal communication, migration, social behavior, and learning; critical discussion of current controversies such as sociobiology and the relationship of animal studies to the study of human behavior. Includes relevant films and demonstrations. (S)

ZOOL 297A Special Topics: Human Biology
Introduction to biological principles, emphasizing human structure and function as they relate to everyday existence. Important collateral issues such as the nature and cause of disease, smoking and health, drug abuse, the human sexual response, venereal disease, immunity and allergy, obesity and physical fitness, and the problem of overpopulation discussed in detail. (F)

UNIVERSITY OF MASSACHUSETTS/AMHERST
SUMMER HIGH SCHOOL DEBATE WORKSHOP
AUGUST 5–19, 1979
(OPTIONAL SESSION: AUGUST 20–24, 1979)
Designed for students who will be in high school next year and intend to participate on their school's debate team.

STAFF Several of the best debate coaches in the United States.

FORMAT Courses in argumentation theory, research, and debate skills.
General sessions in cross-examination and topic analysis.
Library assistance and individual tutoring on cases.
Practice debates and a tournament for all students.

FOR FURTHER INFORMATION CONTACT:
Professor Ronald J. Matlon
Director of Debate — Machmer Hall
Department of Communication Studies
University of Massachusetts
Amherst, Massachusetts 01003

register now

register by mail

Summer International Programs

French Studies at Dijon

In its study program at Dijon in France, July 4 to August 15, the French Department offers up to six graduate and undergraduate credits in French, History, Political Science and Art. Intermediate competence in written and spoken French is a prerequisite for courses in History, Political Science and Art. Excursions to Bezelay, the Cote d'Or, and the Jura and Vosges Mountains are part of the program.

Cost to the student is approximately $800 for tuition, textbooks, room and board for the six weeks, and the tours; price does not include trans-Atlantic and independent travel and miscellaneous personal expenses. Contact: Professor Robert E. Taylor, Director of French Program in Dijon, Department of French, Herter Hall, University of Massachusetts, Amherst, MA 01003.

Freiburg Summer Program

The Department of Germanic Languages and Literature sponsors a summer program in Germany from July 23–August 30, 1979. Courses include Intermediate and Advanced German and Seminars in Modern Literature. Students earn six University of Massachusetts credits. Intermediate proficiency in German is a prerequisite. Integrated excursions include: Switzerland, Lake Constance, the Black Forest, Breisach, Colmar and Strassburg. Open to undergraduates (graduates by permission).

The estimated fee of $1325 will cover round trip group air and train transportation between New York and Freiburg, tuition, room and board, and excursions. Although application for the summer program closed March 1, those interested in next year's courses may contact Martin Kane, Department of Germanic Languages and Literatures, Herter Hall, University of Massachusetts, Amherst, MA 01003.

Oxford Summer Seminar

There are 13 humanities courses offered at Trinity College, Oxford, during July and part of August. Also included is a special Shakespeare course that uses the productions at Stratford-upon-Avon. The courses are all taught by Oxford dons, current or former, and the Bodleian Library is available for extensive research. All courses carry regular University of Massachusetts credit. Graduate and undergraduate credit is offered and courses vary each year according to the availability of specialists at Oxford and the interests of the student. Guest evening lectures by noted authorities supplement these offerings. Overall cost to the student is $1,100, including room and board and many extras. If interested contact Professor Ernest Hofer, Associate Dean, Humanities and Fine Arts, South College, University of Massachusetts, Amherst, MA 01003, by March 17, 1979.

Summer Program in Lisbon

The Department of Spanish and Portuguese sponsors a summer program in Lisbon which runs from the beginning of July to the middle of August. Courses include Language, Literature and Culture. Students earn six University of Massachusetts credits. The fee is $425.00 and covers tuition, tutors and bed and breakfast and special excursions to places of cultural and historic interest. Students wanting to travel throughout Portugal can do so either prior to or after the courses. Knowledge of Portuguese is not a prerequisite for participation in the program. Deadline of application is April 30, 1979. If interested please contact: Professor Jose Ornelas, Department of Spanish and Portuguese, 408 Herter Hall, University of Massachusetts, Amherst, MA 01003.

Summer Program in Spain

The Department of Spanish and Portuguese sponsors a summer program in Salamanca, which runs from July 3 to July 30. Courses include language (3 levels), Culture, Literature and Linguistics. Six graduate or undergraduate University of Massachusetts credits can be earned. Program includes classroom instruction, excursions and cultural activities. Students will have the choice of living with Spanish families or in university dormitories. Minimum requirement is two semesters of college Spanish. Application deadline is April 27, 1979, but earlier application is advised, since students who complete all requirements may be admitted ahead of deadline. If interested contact Prof. Juan C. Zamora, Department of Spanish and Portuguese, University of Massachusetts, Amherst, MA 01003.

Universidad Iberoamericana in Mexico

As a service to interested students the Summer School Office at UMass/Boston will have available information regarding the Universidad Iberoamericana in Mexico for programs and courses in Spanish given at that institution during the summer.

Students taking courses for credit under this program should contact the Spanish departments at their home institutions for approval of transfer of credits.

Six Week Summer Session.

Tuition and Room and Board—$540

Amherst Schedule of Courses

All courses in this schedule are listed alphabetically by Departmental abbreviation and should be read as shown below. Please note that names of course instructors are provided when available.

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DEPT COURSE SCHEDULE      TITLE                CORE CR
     SEC/SES NUMBER       MEETING TIMES        BLDG ROOM    INSTRUCTOR

ART     151      ARCHITECTUAL DRAWING                 3CR
      1S     016180 MTUWTHF 9.00-12.00 FAC     440 RUPP,W
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DEPT COURSE SCHEDULE      TITLE                CORE CR
     SEC/SES NUMBER       MEETING TIMES        BLDG ROOM    INSTRUCTOR

A-C-C-O-U-N-T-I-N-G

ACCTG  221      INTRO TO ACCTG I                     3CR
      1F     010031 MTUWTHF 9.30-11.00 GTWR    202
      2F     010069 MTUW 11.15-12.45   HERT    222
                    THF 11.15-12.45    HERT    222
      3F     010097 MTUW 19.00-21.30   HERT    222
      4S     010120 MTUWTHF 9.30-11.00 HERT    222
ACCTG  222      INTRO TO ACCTG II                    3CR
      1F     010403 MTUWTHF 9.30-11.00 GTWR    206
      2S     010431 MTUW 11.15-12.45   BART    219
                    THF 11.15-12.45    BART    219
ACCTG  321      FINAN RPTG I                         3CR
      1F     010714 MTUW 11.15-12.45   GTWR    206
                    THF 11.15-12.45    GTWR    206
ACCTG  322      FINAN RPTG II                        3CR
      1S     010992 MTUW 11.15-12.45   HERT    202
                    THF 11.15-12.45    HERT    202
ACCTG  331      COST ACCTG                           3CR
      1F     011279 MTUWTHF 9.30-11.00 GTWR    223
ACCTG  371      FEDERAL TAXES                        3CR
      1F     011552 MTUWTHF 7.45-9.15  GTWR    223

A-F-R-O---A-M-E-R-I-C-A-N  S-T-U-D-I-E-S

AFROAM 111      SURV OF AFRICAN ART        C         3CR
      1F     011835 MTUW 11.15-12.45   MILL    109 RICHARDS
                    THF 11.15-12.45    MILL    109
AFROAM 130      AFRICAN HISTORY            C         3CR
      1S     012112 MTUW 11.15-12.45   MILL    114 AFESI
                    THF 11.15-12.45    MILL    114

A-N-I-M-A-L  S-C-I-E-N-C-E

ANSCI 150       BEG EQUITATION I                     1CR
      1F     012390 MTUWTH 11.00-12.30 TILL    FARM
      2S     012423 MTUWTH 11.00-12.30 TILL    FARM
ANSCI 151       BEG EQUITATION II                    1CR
      1F     012706 MTUWTH 9.30-11.00  TILL    FARM
      2S     012734 MTUWTH 9.30-11.00  TILL    FARM
ANSCI 152       INT EQUITATION I                     1CR
      1F     013011 MTUWTH 11.00-12.30 TILL    FARM
      2S     013049 MTUWTH 11.00-12.30 TILL    FARM
ANSCI 153       INT EQUITATION II                    1CR
      1F     013322 MTUWTH 9.30-11.00  TILL    FARM
      2S     013350 MTUWTH 9.30-11.00  TILL    FARM
ANSCI 241       SP PROB IN TRAINING                  3CR
      1F     013633 MTUWTH 8.00-9.30   TILL    FARM
      2S     013661 MTUWTH 8.00-9.30   TILL    FARM

A-N-T-H-R-O-P-O-L-O-G-Y

ANTH   102      INTRO TO ARCHAEOLOGY       D         3CR
      1F     013944 MTUW 11.15-12.45   GTWR    101
                    THF 11.15-12.45    GTWR    101
ANTH   103      INTRO PHYSICAL ANTH        E         3CR
      1S     014221 MTUWTHF 9.30-11.00 HERT    217
ANTH   104      INTRO CULTURAL ANTH        O         3CR
      1F     014504 MTUW 19.30-21.30   HERT    225
ANTH   577      FIELD SCHOOL IN ARCH               6CR
               CLASS MEETS 6/18-7/27. UGRAD CREDIT ONLY.
      1X     014782 BY ARRGT

A-R-T

ART    100      BASIC DRAWING              C         3CR
      1F     015069 MTUWTHF 1.30-4.30  FAC     431
ART    101      DRAWING COMPOSITION        C         3CR
      1S     015342 MTUWTHF 1.30-4.30  FAC     431
ART    102      BASIC DESIGN I             C         3CR
      1F     015625 MTUWTHF 9.00-12.00 FAC     430
ART    103      BASIC DESIGN II            C         3CR LAB FEE$15.00
      1S     015908 MTUWTHF 9.00-12.00 FAC     430
ART    151      ARCHITECTUAL DRAWING               3CR
      1S     016180 MTUWTHF 9.00-12.00 FAC     440 RUPP,W
ART    201      ADVANCED DRAWING                   3CR LAB FEE$15.00
      1F     016463 MTUWTHF 1.30-4.30  FAC     442
ART    202      ADV DRAWING PROB                   3CR
      1S     016746 MTUWTHF 1.30-4.30  FAC     435
ART    241      PRINTMAKING-INTAG I        C         3CR LAB FEE$15.00
      1F     017023 MTUWTHF 9.00-12.00 FAC     435 PATTERSON,W
ART    251      INTERIOR DESIGN II                 3CR
      1F     017306 MTUWTHF 1.30-4.30  FAC     440
ART    280      CERAMICS I                 C         3CR LAB FEE$15.00
      1S     017584 MTUWTHF 9.00-12.00 MUNX      2
ART    341      PRINTMAKING-INT II                 3CR LAB FEE$15.00
      1F     017867 MTUWTHF 9.00-12.00 FAC     435 PATTERSON
ART    351      INT DESIGN IV                      3CR
      1F     018144 MTUWTHF 1.30-4.30  FAC     440 RUPP,W
ART    541      PRINTMAKING-INTAG I                3CR
      1F     018427 MTUWTHF 9.00-12.00 FAC     435 PATTERSON,W
ART    641      PRINTMAKING-INT II                 3CR
      1F     018700 MTUWTHF 9.00-12.00 FAC     435 PATTERSON,W
ART    651      INTERIOR DESIGN IV                 3CR
      1F     018988 MTUWTHF 1.30-4.30  FAC     440 RUPP,W

A-R-T  H-I-S-T-O-R-Y

ARTHIS 522      MOD ART 1880-PRESENT       C         3CR
               NOT FOR GRAD CREDIT.
      1S     019265 MTUWTHF 9.30-11.00 BART    219 MCAROLE,O

ARTHIS 526      AMERICAN ART               C         3CR
               NOT FOR GRAD CREDIT.
      1F     019548 MTUWTHF 9.30-11.00 BART    219 BLOOMBERG,L.

A-S-T-R-O-N-O-M-Y

ASTRON 100      EXPLORING UNIVERSE         E         3CR
      1F     019821 MTUWTHF 7.45-9.15  GTWR    101
      2S     019859 MTUW 19.00-21.30   GTWR    101

B-U-S-I-N-E-S-S  A-D-M-I-N-I-S-T-R-A-T-I-O-N

BA     210      INTRO TO BUS COMP                  3CR LAB FEE$17.00
      1F     020139 MTUWTHF 7.45-9.15  GRES    307
      2S     020167 MTUW 11.15-12.45   GRES    311
                    THF 11.15-12.45    GRES    311
BA     497      BUS POLICY & STRAT                 3CR
      1S     020440 MTUWTHF 9.30-11.00 HERT    311

B-I-O-C-H-E-M-I-S-T-R-Y

BIOCHM 420      ELEMENTARY BIOCHM          F         3CR
      1F     020723 MTUWTHF 9.30-11.00 GTWR    203 OETOMA, F
BIOCHM 421      ELEM BIOCHM LAB                    1CR LAB FEE$10.00
  LEC 1F     021000 TUTH 1.30-2.30     GOES    256
  LAB 1F     021050 TUTH 2.30-4.00     GTWR    111

B-O-T-A-N-Y

BOTANY 191A     SEM-FIELD BOTANY                   3CR
  LEC 1F     021333 MWF 11.15-12.45    MOR     301 JOHNSON
  LAB 1F     021383 MW 1.30-4.00       MOR     301

C-I-V-I-L  E-N-G-I-N

C E    240      STATICS                            3CR
      1F     021666 MTUW 11.15-12.45   GUN     11
                    THF 11.15-12.45    GUN     11
C E    241      STRENGTH OF MATL I                 3CR
      1F     021949 MTUWTHF 9.30-11.00 GUN     11

C-H-E-M-I-C-A-L  E-N-G-I-N

CH E   225      FUNDAMENTALS                       3CR
      1F     022226 MTUWTHF 7.45-9.15  GOES    259
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DEPT COURSE SCHEDULE     TITLE              CORE CR
     SEC/SES NUMBER     MEETING TIMES     BLDG ROOM   INSTRUCTOR

CH E   226      CHE THERMODYNA                  3CR
       1S     022509 MTUWTHF 9.30-11.00 GOES  259
CH E   334      MASS TRANSFER                   3CR
       1F     022787 MTUW 11.15-12.45   GOES  259
                     THF 11.15-12.45    GOES  259


C-H-E-M-I-S-T-R-Y

CHEM   110      GEN CHEM                   E   4CR LAB FEE$10.00
  LEC 1S      023064 MTUWTHF 9.30-11.00 GTWR  101
  LAB 1S      023119 TUTH 1.30-4.30     GOES   57
CHEM   111A     GEN CHEM-SCI               E   4CR LAB FEE$10.00
  LEC 1F      023397 MTUWTHF 9.30-11.00 GOES  PET
  LAB 1F      023442 MW 1.30-4.30       GOES   57
CHEM   111B     GEN CHEM-SCI               E   4CR LAB FEE$10.00
  LEC 2F      023725 MTUW 11.15-12.45   GOES  PET
                     THF 11.15-12.45    GOES  PET
  LAB 2F      023775 TUTH 1.30-4.30     GOES   57
CHEM   112A     GEN CHEM-SCI               E   4CR LAB FEE$10.00
  LEC 1S      024052 MTUWTHF 9.30-11.00 GOES  PET
  LAB 1S      024107 MW 1.30-4.30       GOES   57
CHEM   112B     GEN CHEM-SCI               E   4CR LAB FEE$10.00
  LEC 2S      024385 MTUW 11.15-12.45   GOES  PET
                     THF 11.15-12.45    GOES  PET
  LAB 2S      024430 TUTH 1.30-4.30     GOES   62
CHEM   250      ORGANIC CHEMISTRY          E   3CR
       1S     024713 MTUWTHF 9.30-11.00 GTWR  203
CHEM   252      ORGANIC CHEM LAB               1CR LAB FEE$15.00
       1S     024991 TUTHF 1.30-4.30    GTWR 1507
CHEM   261      ORGANIC NON-MAJ            E   3CR
       1F     025278 MTUWTHF 9.30-11.00 GTWR  103
CHEM   262      ORGANIC NON-MAJ            E   3CR
       1S     025551 MTUWTHF 9.30-11.00 GTWR  103
CHEM   263      ORGANIC LAB-NON-MAJ            1CR LAB FEE$15.00
       1F     025834 MTUTH 1.30-4.30    GTWR 1507
CHEM   264      ORGANIC LAB-NON-MAJ            1CR LAB FEE$15.00
       1S     026111 MWF 1.30-4.30      GTWR 1507


C-L-A-S-S-I-C-S

CLSICS 224      GREEK MYTHOLOGY            C   3CR
       1F     026399 MTUW 11.15-12.45   HERT  202 PHILIPPIDES,M
                     THF 11.15-12.45    HERT  202
CLSICS 265      GREEK DRAMA IN TRANS       C   3CR
       1S     026672 MTUW 19.00-21.30   HERT  217 OYER,R


C-O-M-P-U-T-E-R  &  I-N-F-O-R-M-A-T-I-O-N  S-C-I-E-N-C-E

COINS  102      COMPUTER & SOCIETY             3CR LAB FEE$10.00
       1F     026955 MTUW 19.00-21.30   GRES  301
COINS  122      INTR PRB SOLV W/COMP       E   4CR LAB FEE$10.00
                CLASS MEETS 5/30-8/8.
  LEC 1X      027232 MWF 9.30-11.00     GRES  210
  LAB 1X      027282 M 1.30-2.30        GRES  210
       2X     027315 TU 1.30-2.30       GRES  210
       3X     027343 W 1.30-2.30        GRES  210
       4X     027371 TH 1.30-2.30       GRES  210


C-O-M-M-U-N-I-C-A-T-I-O-N  D-I-S-O-R-D-E-R-S

COMDIS 691A     SEM-AUDIOLOGY                  3CR
                CLASS MEETS 6/25-8/3.
       1X     027654 MTUWTHF 1.00-2.15  GTWR  113 KUPPERMAN,G
COMDIS 691S     SEM-SPEECH/LANG RATH           3CR
                CLASS MEETS 6/25-8/3.
       1X     027937 MTUWTHF 2.30-3.45  GTWR  113
COMDIS 698A     PRAC-CLIN PRAC/AUD             1-3
                CLASS MEETS 6/25-8/3.
       1X     028214 MTUWTHF 9.00-12.00 GTWR  113 KUPPERMAN,G
COMDIS 698S     PRAC-CLIN PRAC/SRCH            1-3
                CLASS MEETS 6/25-8/3
       1X     028492 MTUWTHF 9.00-12.00 GTWR  111 DUFFY,J


C-O-M-P-A-R-A-T-I-V-E  L-I-T-E-R-A-T-U-R-E

COMLIT 110      MYTH.FOLK&CHILD LIT        C   3CR
       1F     028775 MTUW 19.00-21.30   HERT  202


C-O-M-M-U-N-I-C-A-T-I-O-N  S-T-U-D-I-E-S

COMSTU 121      INTRO TO MASS COMM         0   3CR
       1S     029052 MTUWTHF 7.45-9.15  SC    108
COMSTU 150      PROCESS OF COMMUNCTN       0   3CR
       1S     029335 MTUWTHF 9.30-11.00 HERT  205
COMSTU 240      MODES OF FILM COMM             3CR LAB FEE$15.00
       1S     029613 MTUW 11.15-12.45   SC    108
                     THF 11.15-12.45    SC    108
COMSTU 250      INTERPERSONAL COMM         0   3CR
       1F     029896 MTUW 19.00-21.30   HERT  217
       2S     029929 MTUW 19.00-21.30   HERT  217
COMSTU 252      SMALL GRP COMMUNICAT           3CR
       1F     030209 MTUW 11.15-12.45   GTWR  223
                     THF 11.15-12.45    GTWR  223
COMSTU 331      PROGRAM PROD IN TV             3CR
       1F     030487 MTUWTHF 9.30-11.00 SC    120 DAVIS
COMSTU 791C     SEM-MASS MEDIA/CLSRM           3CR
                CLASS MEETS 7/12-8/1.
       1X     030760 MTUWTHF 9.00-12.00 SC    108 DAVIS,L
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DEPT COURSE SCHEDULE     TITLE              BLDG    CR
     SEC/SES NUMBER     MEETING TIMES     FLR ROOM   INSTRUCTOR

E-L-E-C-T-R-I-C-A-L  +  C-O-M-P-U-T-E-R  E-N-G-I-N--

ECE    211      SYST ANALYSIS I                4CR LAB FEE $5.00
  LEC 1F      031047 MTUWTHF 9.30-11.00 MRST  212
  LAB 1F      031097 TUTH 1.30-4.30     MRST  212
ECE    212      SYST ANALYSIS II               4CR LAB FEE $5.00
  LEC 1S      031370 MTUWTHF 9.30-11.00 MRST  212
  LAB 1S      031425 TUTH 1.30-4.30     MRST  212
ECE    302      ACTIVE NET I                   3CR
       1S     031709 MTUW 11.15-12.45   ENGE  106
                     THF 11.15-12.45    ENGE  106
ECE    410      INT DIG & COMP SYS             3CR
       1F     031986 MTUW 11.15-12.45   ENGE  106
                     THF 11.15-12.45    ENGE  106
ECE    411      INT COMP ORG ING PRG           4CR
       1S     032263 MTUWTHF 9.30-11.00 ENGE  106


E-C-O-N-O-M-I-C-S

ECON   103      INTRO TO MICROECON         C   3CR
       1F     032546 MTUWTHF 7.45-9.15  HERT  201
ECON   104      INTRO TO MACROECON         0   3CR
       1S     032829 MTUWTHF 7.45-9.15  HERT  201
ECON   203      INTERMED MICROEC TH            3CR
       1F     033106 MTUW 11.15-12.45   HERT  201
                     THF 11.15-12.45    HERT  201
ECON   204      INTERMED MACROEC TH            3CR
       1S     033384 MTUW 11.15-12.45   HERT  201
                     THF 11.15-12.45    HERT  201


H-U-M  S-E-R-V-I-A-P-P-L  B-E-H-A-V  S-C-I-E-N-C-E-S

EDUC H 570      PRINCS OF SCH GUID             3CR
                CLASS MEETS 6/25-7/13.
       1X     033667 MTUWTHF 1.00-4.00  EDUC  218 RICCILLI,C
EDUC H 605      THRY/COUN-COM AGE&SCH          3CR
                CLASS MEETS 7/16-8/3.
       1X     033940 MTUWTHF 1.00-4.00  GTWR  115 FREDRICKSON,R
EDUC H 631      LAB FOR COUNS SKILLS           3CR
                CLASS MEETS 8/6-8/17.
       1X     034727 MTUWTHF 8.30-1.00  EDUC  218 IVEY,A
EDUC H 747      FAMILY COUNSELING              3CR
                CLASS MEETS 6/25-8/14. GRAD LEVEL STUDENTS ONLY.
       1X     034500 TU 19.00-22.00     GTWR  111 BLOUNT,A
                     TH 9.00-12.00      GTWR  119


I-N-S-T-R-U-C-T-I-O-N-A-L  L-E-A-D-E-R-S-H-I-P

EDUC I 504      INTRO-BILINGUAL EDUC           3CR
                CLASS MEETS 6/25-7/13.
       1X     034788 MTUWTHF 9.00-12.00 EDUC  222 FUENTES,L
EDUC I 533      TCH-ESL-METH APPRCH            3CR
                CLASS MEETS 6/25-7/13.
       1X     035065 MTUWTHF 1.00-4.00  EDUC  222 FUENTES,L
EDUC I 572      TCH READ SP POP K-12           3CR
                CLASS MEETS 6/25-7/13.
       1X     035348 MTUWTHF 9.00-12.00 EDUC  228 RUDMAN,M
EDUC I 590N     INST ISS & THE CURR            3CR LAB FEE $4.00
                CLASS MEETS 6/25-7/13.
       1X     035621 MTUWTHF 1.00-4.00  EDUC  128 THELEN,L
EDUC I 590R     INDIVDULZED UNIT DEV           3CR LAB FEE $4.00
                CLASS MEETS 7/16-8/3.
       1X     035904 MTUWTHF 1.00-4.00  EDUC  128 THELEN,L
                                                  CAMP,C
EDUC I 615      WORKSHOP IN EDUCATN            2-6 LAB FEE $3.00
       1X     036186 BY ARRGT                    BUNKER,M
EDUC I 791K     SEM-ROG GIFTD STUD             3CR
                CLASS MEETS 5/31-6/20.
       1X     036469 MTUWTHF 4.00-19.00 GTWR  111 RUDMAN,M


E-D-U-C  P-D-L-I-C-Y-,-R-E-S-E-A-R-C-H  &  A-D-M-I-N

EDUC R 351      FOUNDATIONS OF EDUC            3CR
       1F     036742 MTUWTHF 7.45-9.15  GTWR  203 BENANDER,D
EDUC P 615      WORKSHOP IN EDUCATN            2-6 LAB FEE$10.00
                CLASS MEETS 6/26-6/28,TUWTH 8.00-5.00; 7/17-
                7/19,7/24-7/26,TUWTH 9.00-4.00.
       1X     037029 BY ARRGT                    THEUMMEL,W


EDUC P 691D     SEM-AG FO ON WHEELS            3CR LAB FEE$25.00
                CLASS MEETS 7/9-7/13.
       1X     037302 MTUWTHF 9.00-18.00 GTWR  125 THEUMMEL,W


E-N-G-L-I-S-H

ENGL   269A     ASPECTS OF BRIT LIT        C   3CR
       1S     037590 MTUWTHF 9.30-11.00 CHEN  113 KEEFE,R
ENGL   270A     INDIVID BRIT AUTHORS       C   3CR
       1S     037863 MTUWTHF 9.30-11.00 HERT  206 CLARK,D
ENGL   891A     SEM-BRONTES                    3CR
       1S     038140 MTUW 11.15-12.45   HERT  205 KEEFE,R
                     THF 11.15-12.45    HERT  205
ENGL   891B     SEM-YEATS                      3CR
       1S     038423 MTUWTHF 19.00-21.30 HERT  205 CLARK,D
ENGL   891C     SEM-RDG/TCHNG FICT             3CR
       1S     038705 MTUWTHF 9.30-11.15 HERT  342 ROBINSON,F
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DEPT COURSE SCHEDULE     TITLE              CORE CR
     SEC/SES NUMBER     MEETING TIMES     BLDG ROOM    INSTRUCTOR

E-N-V-I-R-O-N-M-E-N-T-A-L  D-E-S-I-G-N

ENVDES 212      PRIN OF GRAPHIC COMM              4CR
     1F     038984 MTUWTHF 11.15-1.25 HILN  207 PROCOPIO,P

F-R-E-N-C-H

FRENCH 110      ELEMENTARY FRENCH                 3CR
     1F     039261 MTUWTHF 9.30-11.00 HERT  210 BUCK,S
FRENCH 144      INTERM FRENCH                     3CR
     1F     039544 MTUW 11.15-12.45   HERT  205 WOESTERLANDT,E
                   THF 11.15-12.45   HERT  205

F-O-O-D  S-C-I-E-N-C-E  &  N-U-T-R-I-T-I-O-N

FS&N   130      NUTRITION & PEOPLE        E   3CR
     1F     039827 MTUWTHF 9.30-11.00 CHEN  113 BERT,M

G-E-N-E-R-A-L  B-U-S-I-N-E-S-S  F-I-N-A-N-C-E

GB FIN 260      INTRO TO LAW                      3CR
     1F     040107 MTUW 11.15-12.45   GTWR  203 PHILLIPS,S
                   THF 11.15-12.45   GTWR  203
     2S     040135 MTUW 19.00-21.30   GTWR  206
GB FIN 301      CORPORATION FINANCE               3CR
     1F     040418 MTUW 11.15-12.45   HERT  224
                   THF 11.15-12.45   HERT  224
     2F     040446 MTUW 19.00-21.30   HERT  224
     3S     040474 MTUWTHF 7.45-9.15  HERT  206
GB FIN 310      FIN INSTITUTIONS                  3CR
     1F     040757 MTUWTHF 9.30-11.00 GTWR  101
GB FIN 320      INVESTMENTS                       3CR
     1F     041034 MTUWTHF 9.30-11.00 GTWR  117

G-E-R-M-A-N

GERMAN 110      ELEMENTARY GERMAN                 3CR
     1F     041317 MTUWTHF 7.45-9.15  HERT  210
GERMAN 120      ELEMENTARY GERMAN                 3CR
     1S     041595 MTUWTHF 7.45-9.15  HERT  210
GERMAN 232      INTERMEDIATE GERMAN               3CR
     1F     041878 MTUWTHF 9.30-11.00 HERT  217
GERMAN 242      INTERMEDIATE GERMAN               3CR
     1S     042155 MTUWTHF 9.30-11.00 HERT  224

H-I-S-T-O-R-Y

HIST   141      EUR HIST 1815-PRESNT      C   3CR
     1S     042438 MTUW 19.00-21.30   HERT  224 SHIPLEY,N
HIST   150      DEV AMER CIV TO 1876      C   3CR
     1F     042711 MTUW 19.00-21.30   HERT  205 STORY,R
HIST   151      DEV AMER CIV 1876 ON      C   3CR
     1S     042999 MTUWTHF 7.45-9.15  HERT  217 STORY,R
HIST   284      TOPICS IN US HIST                 3CR
     1F     043276 MTUWTHF 9.30-11.00 HERT  224 BOYER,P
HIST   364      THE CIVIL WAR ERA         C   3CR
     1F     043559 MTUW 11.15-12.45   HERT  206 RICHARDS,L
                   THF 11.15-12.45   HERT  206
HIST   373      AMER THOT & CULTURE       C   3CR
     1S     043832 MTUW 19.00-21.30   HERT  210 CANTOR,M
HIST   597A     SP TPC-CIVIL WAR                  3CR
     1F     044119 MTUW 11.15-12.45   HERT  206 RICHARDS,L
                   THF 11.15-12.45   HERT  206
HIST   597B     SP TPC-AM THOT/CULT               3CR
     1S     044397 MTUW 19.00-21.30   HERT  210 CANTOR,M
HIST   597C     SP TPC/US HIST                    3CR
     1F     044670 MTUWTHF 9.30-11.00 HERT  224 BOYER,P
HIST   735      SEM-US PROGRSSV ERA               4CR
     1F     044953 MTUWTHF 9.30-11.45 HERT  225 TAGER,J

H-O-M-E  E-C-O-N-O-M-I-C-S

HOM EC 488B     FIELD STUDY                       1-15
              PERMISSION OF INSTRUCTOR ONLY.
     1X     045230 BY ARRGT                   MILLER,A
HOM EC 594C     SEM-CHILDREARING                  3CR
     1F     045513 MTUW 19.00-21.30   SK    217 RAWLINGS,L
HOM EC 594D     SEM-MARITAL FNRCHMT               3CR
     1S     045791 MTUW 11.15-12.45   SK    217 RAWLINGS,L
                   THF 11.15-12.45   SK    217
HOM EC 693A     SEM-INTPSNL/FAM                   3CR
     1F     046078 MTUW 11.15-12.45   SK    217 RAWLINGS,L
                   THF 11.15-12.45   SK    217

I-N-D-U-S-T  E-N-G-I-N  &  O-P  R-E-S-E-A-R-C-H

I E    453      I E ECONOMICS I                   3CR
     1F     046351 MTUWTHF 9.30-11.00 MRST  126
I E    454      I E ECONOMICS II                  3CR
     1S     046634 MTUWTHF 9.30-11.00 MRST  126

I-T-A-L-I-A-N

ITAL   126      INTENS ELEM ITALIAN               6CR
     1F     046917 MTUWTHF 7.45-11.00 GTWR  121 TERRIZZI,A
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DEPT COURSE SCHEDULE     TITLE              CORE CR
     SEC/SES NUMBER     MEETING TIMES     BLDG ROOM    INSTRUCTOR

J-O-U-R-N  S-T-U-D-I-E-S

JS     110      INTRO JOURNALIS WRTG              3CR
              CLASS MEETS 6/20-7/10.
     1X     047199 MTUWTHF 1.00-4.15  HERT  202 FAULKNER,F
JS     200      INTR NEWS & RPNTG                 3CR LAB FEE $5.00
              CLASS MEETS 5/31-6/19.
     1X     047472 MTUWTHF 9.00-12.00 BART  109 RINKHAM,L
JS     291S     SEM-EDTG SPEC PUB                 3CR
              CLASS MEETS 6/4-7/6
     1X            MWF 19.00-22.00                BOWMAN,J
JS     375      NEWS EDITING                      3CR
              CLASS MEETS 6/20-7/10.
     1X     047755 MTUWTHF 9.00-12.15 BART  107 GARCIA,H
JS     392A     SEM-MAG WRITNG                    3CR
              CLASS MEETS 5/31-6/19.
     1X     048032 MTUWTHF 9.00-12.00 BART  107 GRIMES

L-A-T-I-N

LATIN  110      INTENS ELEM LATIN                 5CR
     1F     048315 MTUWTHF 9.30-12.00 HERT  204
LATIN 140       INTENS INTERMED LAT               5CR
     1S            MTUWTHF 9.30-12.00
LATIN  140C     INTENS INTERMED LAT               5CR
     1F     048593 MTUWTHF 1.00-3.30  HERT  204 ROSE,A
     2S     048626 MTUWTHF 9.30-12.00 HERT  204

L-I-N-G-U-I-S-T-I-C-S  (-M-.-A-.  &  P-H-.  D-.-)

LING   101      PEOPLE&THEIR LANGUAG      C   3CR
     1S     048909 MTUW 19.00-21.30   GTWR  203 CHARNEY,D
LING   201      INTRO LING THEORY         C   3CR
     1F     049181 MTUWTHF 9.30-11.00 HERT  206

L-E-I-S-U-R-E  S-T-U-D-I-E-S  A-N-D  R-E-S-O-U-R-C-E-S

LS&R   391C     SEM-COM RECREATION                3CR
     1S     049464 MTUW 11.15-12.45   HILN  113 MAHONEY,E
                   THF 11.15-12.45   HILN  113

M-E-C-H-A-N-I-C-A-L  E-N-G-I-N-E-E-R-I-N-G

M E    210      MECHANICS I                       3CR
     1F     049747 MTUW 11.15-12.45   GUN   11
                   THF 11.15-12.45   GUN   11
M E    211      MECHANICS II                      3CR
     1F     050027 MTUWTHF 9.30-11.00 GUN   11
M E    230      THERMODYNAMICS I                  3CR
     1F     050300 MTUWTHF 7.45-9.15  GUN   11

M-A-T-H-E-M-A-T-I-C-S

MATH   104      ALG/ANAL GEOM/TRIG                3CR
              CLASS MEETS 5/31-8/16.
     1X     050588 MTUWTH 7.45-8.45   GTWR  206
MATH   120      MATH FOR BUSINESS I       E   3CR
     1F     050861 MTUWTHF 9.30-11.00 GTWR  315
MATH   121      MATH FOR BUSINESS II      E   3CR
     1F     051148 MTUW 11.15-12.30   GTWR  315
                   THF 11.15-12.30   GTWR  315
     2S     051176 MTUWTHF 9.30-11.00 GTWR  315
MATH   127      CALC LIFE-SOC SCI I       E   3CR
     1F     051459 MTUWTHF 7.45-9.15  GTWR  315
MATH   128      CALC LIFE-SOC SCI II      E   3CR
     1S     051732 MTUWTHF 7.45-9.15  GTWR  315
MATH   131      CALC I                    E   4CR
              CLASS MEETS 5/31-8/22.
     1X     052019 MTUWTH 11.15-12.30 GTWR  321
MATH   132      CALC II                   E   4CR
              CLASS MEETS 5/31-8/22.
     1X     052297 MTUWTH 11.15-12.30 GRES  201
MATH   233      MULTIVAR CALCULUS         E   3CR
              CLASS MEETS 5/31-8/2.
     1X     052570 MTUWTH 11.15-12.30 GRES  307
MATH   235      INTRO LIN ALG             E   3CR
              CLASS MEETS 5/31-8/2
     1X     052853 MTUWTH 9.30-10.45  GTWR  321
MATH   411      INTRO MOD ALG I           E   3CR
              CLASS MEETS 5/31-8/2
     1X     053130 MTUWTH 7.45-9.00   GTWR  321
MATH   431      ORD DIF EQ/SCI ENG        E   3CR
              CLASS MEETS 5/31-8/2.
     1X     053413 MTUWTH 9.30-10.45  GRES  201
MATH   597A     SP TPC-GEOM/TCHRS                 3CR
              CLASS MEETS 7/2-8/9.
     1X     053691 MTUWTH 8.15-10.00  GTWR  215 BENNETT,M,K
MATH   597B     SP TPC-PROBSTAT/TCHR              3CR
              CLASS MEETS 7/2-8/9.
     1X     053974 MTUWTH 10.15-12.00 GTWR  215 FOULIS,D

M-A-N-A-G-E-M-E-N-T

MGT    301      PRINCIPLES OF MGT                 3CR
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DEPT	COURSE SEC/SES	SCHEDULE NUMBER	TITLE MEETING TIMES	CORE BLDG	CR ROOM	INSTRUCTOR
	1F	054251	MTUWTHF 7.45-9.15	GTWR	201	
	2S	054289	MTUWTHF 7.45-9.15	GTWR	201	
MGT	314		PERSONNEL MANAGEMENT		3CR	
	1F	054562	MTUW 19.00-21.30	GTWR	201	
MGT	330		MANAGERIAL BEHAVIOR		3CR	
	1F	054845	MTUW 11.15-12.45	GTWR	115	
			THF 11.15-12.45	GTWR	115	
MGT	331		ADMIN THEORY		3CR	
	1S	055122	MTUWTHF 9.30-11.00	GTWR	206	
MGT	365		BUS & ITS ENVIRON		3CR	
	1S	055405	MTUWTHF 9.30-11.00	HERT	225	

M-I-C-R-O-B-I-O-L-O-G-Y

MICRBIO	150		BIOL OF MICROORGNSMS	E	3CR	
	1F	055683	MTUWTHF 9.30-11.00	MOR4	201	DOWELL,C,E

M-A-R-K-E-T-I-N-G

MKTG	301		FUND OF MKTG		3CR	
	1F	055966	MTUW 9.00-11.30	GTWR	204	ALLEN
	2S	055994	MTUW 19.00-21.30	HERT	225	

M-U-S-I-C

MUSIC	100		APPRECIATION-INTRC	C	3CR	
	1F	056271	MTUWTHF 9.30-11.00	FAC	150	CHESNUT
MUSIC	113		ELEM MUSIC THEORY	C	3CR	
	1F	056554	MTUWTHF 7.45-9.15	FAC	152	HECHT
MUSIC	610		MUS LIT 1600-1750		3CR	
	1F	056837	MTUW 11.15-12.45	FAC	157	BOYER,H
			THF 11.15-12.45	FAC	157	

P-H-Y-S E-D-. S-C-H-O-O-L O-F

P E	G01		PE 100 INTER SWIM		1CR	
	1S	057114	MTUWTH 11.15-12.45	BOYD	POOL	KJELOSEN,E
P E	G02		PE 100 DIST SWIM		1CR	
	1F	057392	MTUWTH 9.30-11.00	NOPE	POOL	ALLARO,R
	2S	057425	MTUWTH 9.30-11.00	NOPE	POOL	ALLARO,F
P E	G16		PE 100 JOG & CONO		1CR	
	1F	057708	MTUWTH 7.45-9.15	BOYD	GYM	ALLARO,R
	2S	057736	MTUWTH 7.45-9.15	BOYD	GYM	ALLARO,F
P E	G20		PE 100 GAME/PERS GRW		1CR	
	1F	058013	MTUWTH 9.30-11.00	BOYD	GYM	GRIFFIN,P
P E	G21		PE 100 JOG & SELF AW		1CR	
	1F	058291	MTUWTH 7.45-9.15	BOYD	GYM	GRIFFIN,P
P E	G55		PE 100 BOWLING I		1CR	
	1F	058574	MTUWTH 9.30-11.00	BOYD	8	ZUNIC,M
P E	G63		PE 100 GOLF I		1CR	
	1S	058857	MTUWTH 9.30-11.00	BOYD	GYM	
P E	G66		PE 100 TENNIS I		1CR	
	1F	059134	MTUWTH 7.45-9.15	BOYD	GYM	GUNDERSHEIM,J
	2F	059162	MTUWTH 9.30-11.00	BOYD	GYM	GUNDERSHEIM,J
	3F	059190	MTUWTH 7.45-9.15	NOPE	GYM	RIFE,F
	4S	059223	MTUWTH 7.45-9.15	NOPE	GYM	
P E	G67		PE 100 TENNIS II		1CR	
	1F	059506	MTUWTH 9.30-11.00	NOPE	GYM	RIFE,F
	2S	059534	MTUWTH 11.15-12.45	BOYD	GYM	
	3S	059562	MTUWTH 9.30-11.00	NOPE	GYM	
P E	G69		PE 100 BACKPACKING		1CR	LAB FEE$30.00
	1X	059845	MTUWTH 3.00-5.00	NOPE	153	CARUSO,V
			CLASS MEETS 5/31-6/13.			
	2X	059873	MTUWTH 5.30-19.30	NOPE	153	CARUSO,V
			CLASS MEETS 5/31-6/13.			
P E	G71		PE 100 RACQUETBALL		1CR	
	1F	060153	MTUWTH 7.45-9.15	BOYD	CTS	ZIMANY,L
	2S	060181	MTUWTH 7.45-9.15	BOYD	CTS	
P E	G72		PE 100 BEG CYCL TOUR		1CR	
	1F	060464	MTUWTH 9.30-11.00	NOPE	153	ZIMANY,L
	2S	060492	MTUWTH 9.30-11.00	NOPE	153	ZIMANY,L

P-R-O-F P-R-E-P-A-R-A-T-I-O-N I-N P-H-Y-S E-O

PEP	180		ADVENTURES OUTDR EO		2CR	
	1F	060775	MTUWTH 1.00-3.00	BOYD	249	BROSKY,M,T
PEP	197A		SP TPC-OUTDR BOUND		3CR	
			CLASS MEETS 6/1-6/20.			
	1X	061052	MTUWTH 9.30-11.00	BOYD	249	CARUSO,V
PEP	397A		SP TPC-ADV ALT EDUC		3CR	
	1F	061335	MTUWTH 3.30-5.30	BOYD	249	BROSKY,M,T
PEP	401		APPL BEHAVIOR ANALYS		3CR	
	1F	061618	MW 19.00-22.00	NOPE	153	RIFE,F
PEP	597A		SP TPC-SUPERVSN/PE		3CR	
	1F	061896	TUTH 19.00-22.00	NOPE	153	RIFE,F

P-H-I-L-O-S-O-P-H-Y

PHIL	100		INTRO TO PHIL	C	3CR	
	1F	062173	MTUW 19.00-21.30	HERT	201	ROBISON,J
PHIL	110		INTRO TO LOGIC	E	3CR	
	1F	062456	MTUWTHF 7.45-9.15	HERT	217	GETTIER,E

DEPT	COURSE SEC/SES	SCHEDULE NUMBER	TITLE MEETING TIMES	CORE BLDG	CR ROOM	INSTRUCTOR

P-H-Y-S-I-C-S

PHYSIC	141		PHYS-LIFE SCI MAJ I	E	4CR	LAB FEE $3.50
LEC	1F	062739	MTUWTHF 9.30-11.00	HAS	124	
LAB	1F	062789	M 1.30-4.30	HAS	212	
	2F	062812	TU 1.30-4.30	HAS	212	
PHYSIC	142		PHYS-LIFE SCI MAJ II	E	4CR	LAB FEE $3.50
LEC	1S	063094	MTUWTHF 9.30-11.00	HAS	124	
LAB	1S	063149	M 1.30-4.30	HAS	212	
	2S	063177	TU 1.30-4.30	HAS	212	

P-L-A-N-T & S-O-I-L S-C-I-E-N-C-E-S

PLSOIL	120		ORG FARM & GARDENG	F	3CR	LAB FEE $7.50
			CLASS MEETS 6/4-6/22.			
	1X	063450	MTUWTHF 8.30-11.00	BOWC	209	

P-O-L-I-T-I-C-A-L S-C-I-E-N-C-E

POLSCI	101		AMERICAN-POLITICS	D	3CR	
	1S	063733	MTUW 19.00-21.30	HERT	206	AMY,D
POLSCI	141		PROB-CONTEMP POLITCS	D	3CR	
	1F	064010	MTUWTHF 9.30-11.00	HERT	201	KLINE,H
POLSCI	255		AMER FOREIGN POLICY	D	3CR	
	1S	064298	MTUW 11.15-12.45	HERT	206	ROSOU,S
			THF 11.15-12.45	HERT	206	
POLSCI	336		GOV & POL SOVT UNION	D	3CR	
	1F	064571	MTUWTHF 9.30-11.00	HERT	205	RYAVEC,K
POLSCI	374		ISSUES/CONT POL THRY	D	3CR	
	1F	064854	MTUW 11.15-12.45	HERT	210	SCHOOLMAN,M
			THF 11.15-12.45	HERT	210	
POLSCI	636		GOV & POL SOVT UNION	D	3CR	
	1F	065131	MTUWTHF 9.30-11.00	HERT	205	RYAVEC,K

P-O-R-T-U-G-U-E-S-E

PORT	126		INTENSIVE ELEM PORT		6CR	
	1F	065414	MTUWTHF 7.45-11.00	HERT	202	

P-S-Y-C-H-O-L-O-G-Y

PSYCH	100A		ELEMENTARY PSYCH	D	3CR	
	1F	065692	MTUW 19.00-21.30	TOBN	204	
PSYCH	100B		ELEMENTARY PSYCH	D	3CR	
	1S	065975	MTUWTHF 7.45-9.15	TOBN	204	
PSYCH	110		PSYCH AS NAT SCI	D	3CR	
	1F	066252	MTUWTHF 9.30-11.00	TOBN	622	
PSYCH	150		PSYCH SOCIOL SCI	D	3CR	
	1S	066535	MTUWTHF 9.30-11.00	TOBN	304	
PSYCH	205		EDUCATIONAL PSYCH	C	3CR	
	1S	066818	MTUW 19.00-21.30	TOBN	304	
PSYCH	240		STATISTICS IN PSYCH		3CR	
	1F	067090	MTUWTHF 7.45-9.15	TOBN	304	
PSYCH	241		METH INQRY IN PSYCH		3CR	
	1S	067373	MTUWTHF 9.30-11.00	TOBN	204	
PSYCH	280A		ABNORMAL PSYCH	D	3CR	
	1F	067656	MTUW 19.00-21.30	TOBN	622	
PSYCH	280B		ABNORMAL PSYCH	D	3CR	
	1S	067939	MTUWTHF 7.45-9.15	TOBN	622	
PSYCH	350		CHILD BEHAV & DEVEL	D	3CR	
	1S	068216	MTUW 11.15-12.45	TOBN	622	
			THF 11.15-12.45	TOBN	622	
PSYCH	355		ADOLESCENT PSYCH	D	3CR	
	1F	068494	MTUWTHF 9.30-11.00	TOBN	204	
PSYCH	360		SOCIAL PSYCHOLOGY	D	3CR	
	1S	068777	MTUWTHF 7.45-9.15	TOBN	304	
PSYCH	370		PERSONALITY	D	3CR	
	1F	069054	MTUW 11.15-12.45	TOBN	304	
			THF 11.15-12.45	TOBN	304	

R-E-G-I-O-N-A-L P-L-A-N-N-I-N-G

REG PL	591C		SEM-COM RECREATION		3CR	
	1S	069337	MTUW 11.15-12.45	HILN	113	MAHONEY,E
			THF 11.15-12.45	HILN	113	

R-H-E-T-O-R-I-C

RHET	100G		RHET OF LANG AND WR	B	3CR	
	1F	069610	MTUWTHF 7.45-9.15	HERT	342	
	2S	069648	MTUW 19.00-21.30	HERT	342	
RHET	110A		LANGUAGE & SPEAKING	B	3CR	
	1F	069921	MTUW 19.00-21.30	HERT	342	
	2S	069959	MTUWTHF 7.45-9.15	HERT	342	

DEPT	COURSE SEC/SES	SCHEDULE NUMBER	TITLE MEETING TIMES	CORE BLDG	CR ROOM	INSTRUCTOR
B-U-S-I-N-E-S-S A-D-M-I-N-. S-C-H-O-O-L O-F						
S BA	572		ADV FED TAX PROCED		3CR	
	1S	070239	MTUW 19.00-21.30	GTWR	315	WHITEMAN,M
S BA	583		CPA LAW		3CR	
	1E	070512	MTUW 19.00-21.30	HERT	210	O'CONNELL,J
S BA	733		ACCTG INFO SYSTEMS		3CR	
	1F	070790	MTUWTHF 9.30-11.00	GTWR	123	SARDINAS,J
S-O-C-I-O-L-O-G-Y						
SOCIOL	103		SOCIAL PROBLEMS	D	3CR	
	1S	071077	MTUW 19.00-21.30	HERT	210	WILLIAMS,D
SOCIOL	106		RACE,SEC, & SOC CLS	D	3CR	
	1E	071350	MTUW 19.00-21.30	HERT	206	DEITCH,C
SOCIOL	110		INTRO SOCIOLOGY	D	3CR	
	1F	071633	MTUWTHE 7.45-9.15	HERT	206	MARSHALL,S
SOCIOL	222		THE FAMILY	D	3CR	
	1S	071916	MTUW 11.15-12.45	HERT	210	SCHNEIDER,B
			THF 11.15-12.45	HERT	210	
SOCIOL	224		SOCIAL STRATIFICATIO	D	3CR	
	1S	072198	MTUWTHE 9.30-11.00	HERT	210	CLAWSON,D
SOCIOL	241		CRIMINOLOGY	D	3CR	
	1F	072471	MTUW 11.15-12.45	HERT	217	DIGGINS,W
			THF 11.15-12.45	HERT	217	
S-P-A-N-I-S-H						
SPAN	110		ELEMENATRY SPANISH I		3CR	
	1E	072754	MTUWTHF 7.45-9.15	HERT	224	
SPAN	120		ELEMENTARY SPANISH I		3CR	
	1S	073031	MTUWTHF 7.45-9.15	HERT	224	
SPAN	126		ELEMENTARY-INTENSIVE		6CR	
	1E	073314	MTUWTHE 7.45-11.00	HERT	222	
SPAN	146		INTERMED INTENSIVE		6CR	
	1S	073592	MTUWTHE 7.45-11.00	HERT	202	
S-P-O-R-T S-T-U-D-I-E-S						
SPORST	200		SOC SPORT & PHYS ACT	D	3CR	
	1S	073875	MTUWTHF 9.30-11.00	HICK	10	KJELDSEN,E
SPORST	563		SOCIAL PSYCH OF SPRT		3CR	
	1S	074152	MTUW 11.15-12.45	HICK	10	GUNDERSHEIM,J
			THF 11.15-12.45	HICK	10	
SPORST	565		SOCIOLOGY OF SPORT		3CR	
	1S	074435	MTUWTHF 9.30-11.00	HICK	10	KJELDSEN,E
SPORST	769		INTRNSHP IN SPT ADM		12CR	LAB FEE $30.00
			CLASS MEETS 5/30-8/21.			
	1X	074718	BY ARRGT			MULLIN,B
						LEWIS,G
S-T-A-T-I-S-T-I-C-S						
STATIS	121		ELEM STATISTICS	E	3CR	
	1F	074995	MTUWTHF 9.30-11.00	GRES	307	
STATIS	140		STAT FOR BUS	E	3CR	
	1E	075273	MTUWTHF 7.45-9.15	GRES	201	
	2S	075306	MTUWTHF 9.30-11.00	GRES	307	
T-H-E-A-T-R-E						
THEATR	490A		TECH ORAL EXPRESSION		3CR	
	1F		M 9.00-4.00			ABRAMSON, D
W-O-M-E-N-'-S S-T-U-D-I-E-S						
WOST	190A		FEM WRTNG WORKSHOP		3CR	
	1S	075584	MTUWTHF 9.30-11.00	GTWP	115	KRASNO,F
WOST	290A		WOMEN & HEALTH		3CR	
	1F	075867	MTUWTHE 9.30-11.00	GTWR	115	MURPHY,P
Z-O-O-L-O-G-Y						
ZOOL	101		INTRO ZOOLOGY	E	3CR	LAB FEE $10.00
LEC	1F	076144	MTUW 11.15-12.45	MOR4	349	BOCCIA,M
			THF 11.15-12.45	MOR4	349	MARTEL,A
LAB	1E	076194	TUTH 1.30-4.30	MOR	338	
ZOOL	197A		SP TPC-ISSUE/NON-MAJ		3CR	
	1S	076477	MTUW 11.15-12.45	MOR4	349	LINDSTROM,E
			THF 11.15-12.45	MOR4	349	AUSTIN,M
ZOOL	250		BIOL OF BEHAVIOR	E	3CR	LAB FEE $5.00
	1S	076750	MTUW 11.15-12.45	MOR4	372	BOCCIA,M
			THF 11.15-12.45	MOR4	372	
ZOOL	297A		SP TPC-HUM BIOLOGY		3CR	
	1F	077037	MTUWTHE 9.30-11.00	MOR4	372	GOODENOUGH,J

AMHERST SUMMER SESSION 1979 REGISTRATION

Name CZ-A05 — LAST NAME — FIRST NAME — INITIAL

Home Address BA1 — NUMBER & STREET

CITY — STATE — ZIP CODE

Home Tel — Area Code — If No Phone, Write "None" — Country of Citizenship (other than U.S.)

Local Address (if different from home) BA2 — NUMBER & STREET

CITY — STATE — ZIP CODE — A

PLEASE CODE APPROPRIATE BOXES

A A 1 — 'G'-Graduate 'U'-Undergrad — 'N'-Non-Vet 'V'-Vet

F M — 'M'-Male 'F'-Female — 'M'-Mass. Res. 'O'-Other State 'F'-Foreign

'S'-Single 'M'-Married 'D'-Divorced 'W'-Widowed — 'CT'-Citizen 'UN'-Not Citizen

Birthdate — month — day — year

Social Security Number

REGULAR UNIVERSITY STUDENTS

Student Number

CAMPUS: 'U'-UGrad-Amherst 'G'-Grad-Amherst 'E'-ContEd-Amherst 'B'-Boston Campus 'Z'-UGrad Visiting Student 'N'-Grad Visiting Student — CLASS

BLOCK 1-UNDERGRADUATE FROM BOSTON CAMPUS

This certifies that the student has been enrolled at the Boston Campus and has our approval to take courses listed.

Record Clear: [ ] Yes [ ] No

(If No, state nature of encumbrance)

Advisor's Signature

Registrar's Signature

CHECK AND COMPLETE ONE OF THE FOLLOWING APPROPRIATE ITEMS:

1. Currently enrolled University of Massachusetts student:
   Campus: [ ] Amherst [ ] Boston (complete Block 1)
2. *Formerly enrolled University of Massachusetts student:
   Campus: [ ] Amherst [ ] Boston (complete Block 1)
   Date of last attendance: _____

*Note: Students twice terminated from the University for academic deficiency are not eligible to attend Summer Session without approval from the Board of Admissions and Records.

3. Accepted as a new University of Massachusetts student: [ ] Undergrad [ ] Grad
4. [ ] A summer visiting student only.

SAMPLE 023397 (Schedule No.) CHEM (Department) 111A (Course No.) 1F (Section/Session) Gen Chem - Sci (Course Title) 4 (Credits) x $ 30.00 (per credit) = $ 120.00 (Course Fee)

Lab Section (if applicable) 023442 (Schedule No.) 1F (Section/Session) ☐ Graduate ☑ Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

DO NOT INCLUDE LAB FEES

TOTAL COURSE FEES $ _____

CREDIT CARD PAYMENT

Please bill my:

Expiration Date — Mastercharge Bank No.

Credit Card Number

Signature

FULL PAYMENT MUST ACCOMPANY MAIL REGISTRATION

Make checks payable to:
University of Massachusetts

Send to:
Summer Session Office
Whitmore Administration Building
University of Massachusetts
Amherst, MA 01003

SUMMER SERVICES FEE $ _____
(Required of all students)
F Session - $45.00
S Session - $45.00
X Session - $7.50/week
Independent Study - $7.50/credit
(See EXPENSES on page 14)

TOTAL AMOUNT DUE AND ENCLOSED $ _____

M N B J C

new england workshop for health administrators and planners

University of Massachusetts
at Amherst

Summer Schedule of ONE-DAY WORKSHOPS

JUNE 8 **HOSPITAL FINANCIAL VIABILITY**
This workshop will provide participants with the understanding of and some of the basic techniques necessary for the assessing of the financial viability of an institution and the impact of a given project or change on the financial status of an organization.

Target Audience: HSA Staff, Hospital Planners and Assistant/Associate Administrators

JULY 17 **EFFECTIVE MANAGEMENT: An Introduction**
This workshop is designed for the department and division manager who has developed technical expertise but requires the development of technical skills and tools of health care management.

Target Audience: Department/Division Heads, Middle Management Staff.

SEPT. 7 **THE FIVE YEAR INSTITUTIONAL PLAN**
This workshop focuses on the implications of a five year institutional plan and analyzes standards, costs, and methodological options in planning.

Target Audience: Hospital planners and HSA Staff.

LOCATION: All Summer Workshops will be held at the University Campus Center, Amherst.

TIME: Workshops will begin at 8:30 a.m. and conclude at 4:30 p.m.

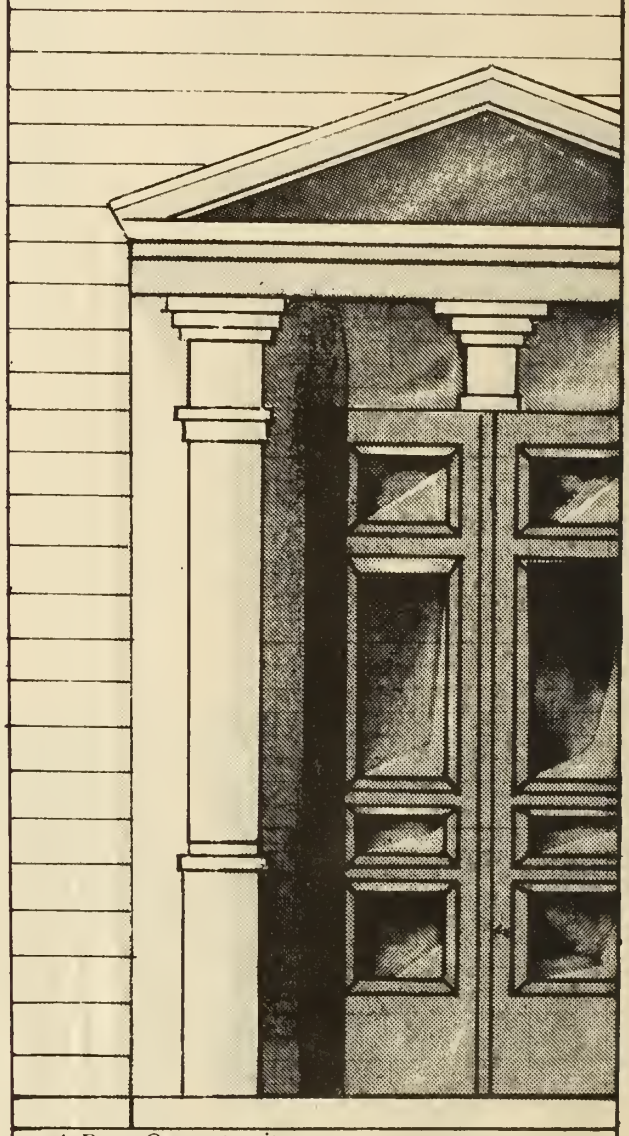
COST: A fee of $35.00 will be charged each participant. The fee covers the cost of all materials, lunch and breaks. Participants are responsible for their own lodging, parking and transportation

Continuing Education Units will be awarded for participation.

For further information contact:

Seth B. Goldsmith, Sc.D.
Associate Professor and Chairman
Program in Health Administration
University of Massachusetts
Arnold House
Amherst, MA 01003
(413) 545-1312

A Doorway to 18th Century New England



A Rare Opportunity

Visit Mystic Seaport, Hancock Shaker Village, Historic Deerfield, Concord & Salem through "New England Communities." This program is presented by Professor Mason Lowance of the UMass/Amherst English Dept. and the National Endowment for the Humanities. Enrollment is open to all. A fee of $75 covers travel, admissions to museums, instruction and lectures. Classes will meet Thursday evenings from 7:00-9:00p.m. beginning July 12. Excursions are scheduled for successive Fridays. For those interested three University undergraduate credits may be arranged through the UMass/Amherst English Dept. for a fee of $15.00 per credit. For registration and further information contact the Continuing Education Registration Office, 113 Hasbrouck, 413-549-4970.

Annotated Directory of University Offices at Amherst

Admissions

Director of Admissions: Diedre L. Kedesdy
255 Whitmore (545-0222)

The Freshman Admissions Office is responsible for all administrative procedures concerning admission of undergraduates to the University Amherst campus. Activities include processing, reviewing and admission determinations for approximately 13,000 applications for full-time freshman enrollment as well as processing and decision-making for a variety of other programs including Second Bachelor's Degree and Special Student status. The staff also conducts high school visits throughout the state to establish liaison with counselors, prospective applicants and parents, and coordinates on a continuing basis with faculty and staff in setting admission standards and policies.

Transfer Affairs

Director: Eli W. Sherman
208 Whitmore (545-0860)

The Office of Transfer Affairs serves as a general resource center for all matters pertaining to the transfer process. One of the major functions of the office is to work with academic departments on campus and at the community colleges in a cooperative effort to provide a smooth academic transition for the transfer student from one institution to the other. In addition to the general transfer function, the office also administers the National Student Exchange Program as well as the credit for prior approval process. This office also provides academic counseling services to part-time (Continuing Education) students.

Registrar

Registrar: Ralph D. Jones
213 Whitmore (545-0555)

The Registrar's Office is responsible for enrollment and registration for undergraduate administrative procedures relating to course loads (adding and dropping courses), courses of study, withdrawals, producing grade reports, transcripts, records of matriculation, and maintaining permanent academic record cards and related activities.

Financial Aid Services

Director of Student Services: W. Daniel Fitzpatrick
243 Whitmore (545-0801)

Financial Aid Services assists students with financial counseling and also aids in finding suitable employment, awards, loans, grants, scholarships, and assigning part-time work. The office is responsible for administering all federal, state and private financial aid for the Amherst campus as well as coordinating all student employment. The Financial Aid Office also has information concerning area employment, scholarships, loans, etc. Students are advised to apply early for all financial aid.

Part-time students must currently be enrolled in a degree-granting program and carrying six or more credit hours per semester for consideration for financial aid.

Campus Center

Director: William M. Harris
820 Campus Center (545-0585)

The Campus Center Director administers and coordinates the policies of the Campus Center Complex (which includes the Student Union Building and the new Campus Center). His duties include close coordination with the Campus Center Governing Board, serving on various committees concerned with student services, and supervision of the Campus Center Complex staff and services. Major areas of responsibility include the University Store, Campus Center Food Services, lobby and games area, Campus Center overnight accommodations and Print Shop.

Campus Assistance Center

Campus Center Concourse (545-0012, 545-0014)

The Assistance Center acts as a reference desk for any information needed by students.

Child Care Office

221 Berkshire House (545-0333)

The Child Care Office provides referral service on day care available in the Five-College area. It keeps files of private, cooperatively sponsored, clinically-orientated, or University Day Care facilities. The office is also involved in developing new child care programs. The Child Care Office also offers a babysitting referral system and a toy lending library in North Village.

Community Development Center

Director Sally A. Freeman
Berkshire House (545-0333)

The psychological and career counseling services of the Community Development Center offer a variety of ongoing programs in addition to scheduled workshops. Individual and group counseling are offered by appointment and provide assistance with personal, educational, vocational and career concerns. The Center operates on a walk-in intake system and in most cases the student can talk with a counselor at that time. The Center maintains an up-to-date career resource library containing information about a wide variety of careers, vocations and information about the world of work. All national testing programs are administered through CDC and information and applications for GRE, LSAT, MCHE, NTE, CLEP, etc., are available.

Throughout the course of the year, CDC staff will conduct special counseling sessions in areas such as examination anxiety, study skills, and career exploration. Special programs of this nature are announced in advance through campus media.

In addition to the above activities, the Community Development Center also has responsibility for all new student programs.

Division of Continuing Education

Special Assistant to the Provost: Sharon A. Keillor
Hasbrouck Building (549-4970)

The Division provides educational opportunities to part-time, non-traditional students throughout the year. During the fall and spring semesters, Wintersession (January break) and Summer Session, the Credit Programs Office schedules University courses at a variety of times and locations; Credit-Free Workshops provide personal growth and enrichment opportunities. In addition, certificate and licensing programs are offered for students requiring vocational training or professional upgrading.

Direct Information Service

Jones Library
Amherst Center (256-0121, 1-800-282-7779)

Direct Information Service is an information and referral program with a listing of over 400 social service agencies in Hampshire and Franklin Counties. Service is free of charge. We have public and private service organizations and individuals. If DIS cannot help you themselves, they can direct you to the people who can.

Everywoman's Center

Wilder Hall, Second Floor (545-0883)

The EWC offers academic, career, personal, and rape counseling and support group services. A Project Self workshop is offered for women during fall and spring semesters, and internships are available for undergraduate and graduate women. Assistance and counseling is available for single mothers and welfare recipients who are re-entering school. The Third World Women's Advocate Program works with Third World women's groups on campus and in the Five-College area. Also provided is information on child care, jobs, housing, legal and health resources, and women's issues. A monthly feminist newspaper for campus and community women is published by the EWC.

Foreign Student Office

239 Whitmore (545-2843)

The Foreign Student Office provides non-academic and personal support for students, faculty, and staff who are not United States residents.

Handicapped Student Affairs Office

277 Whitmore (545-0892)

The Handicapped Student Affairs Office was established to assist academically qualified students who have physical disabilities. Support services provided include interpreting services for the deaf and reader services for the blind. For severely disabled students, accessible housing and transportation (lift equipped vans) are provided in addition to maintaining an attendant pool. Students, parents, and counselors concerned may contact the Office of Handicapped Student Affairs, 277 Whitmore, (413) 545-0892.

Health Services

Director: Barry Averill
Health Center (549-2671)

The University Health Services is organized to provide a comprehensive program of health care services for the University community. Emphasis is on individual health maintenance which is encouraged through education, prevention, and the availability of high quality personal health care services and environmental surveillance.

Medical Care Services

Medical Director: Thomas McBride
Nursing Director: Diane Smith
Patient Services Director: Shelley Arcus-Ting

Students and their dependents may seek consultations with the physicians, nurse practitioners, and specialists in the out-patient unit of the Health Services. Students may consult with a staff member by phoning for an appointment (549-2600). Services such as X-ray, laboratory, pharmacy, and physical therapy are located in the Health Center. Emergency care is available 24 hours a day. Vision examinations are available on a co-payment basis. The Health Center is also a hospital providing bed care for students with more serious illnesses.

Medical records are held in strict confidence and will not be released to anyone without the patient's written permission.

Mental Health Services (545-2337)

Director: David Kraft

Daily living can sometimes become a perplexing experience and you may find it helpful to talk out your feelings, sort out confusion and develop new perspectives with a member of the mental health staff. Social workers, clinical psychologists, and psychiatrists are available for short-term, one-to-one consultations. They also provide group therapy, when appropriate, as well as couple and family therapy, very brief in-patient psychiatric care and 24 hour crisis-intervention. The main office is located in 127 Hills North.

1979 SUMMER HOUSING APPLICATION

Name _____ Date _____

Address _____ City/State/Zip _____

Telephone _____ Date of Arrival: _____ Date of Departure _____

Housing is provided on a double-occupancy basis. Summer Housing will assign roommates to those with no stated preference. *Roommate Preference:* _____

HOUSING FEE: $126/session per person
"x" courses - $21/week per person (Full weeks only - no partial week rates)

Enclosed is my check for $_____ in *full payment* for Summer Housing 1979

Check should be made payable to: University Conference Services. No one will be admitted to the Dormitory until the housing fee is paid in *full in advance*. Send application and full payment to: *Summer Housing Office, 918 Campus Center, University of Massachusetts, Amherst, MA. 01003*

First Session:	Dormitory Check-in:	May 29, 1979	9:00a.m. - 5:00p.m.
	Check-out:	July 10, 1979	By Noon
Second Session:	Dormitory Check-in:	July 11, 1979	9:00a.m. - 5:00p.m.
	Check-out:	August 21, 1979	By Noon

Health Education Services (549-2671)

Director: Jane Zapka (549-2671)

The Health Education staff provides a broad range of programs and activities to help promote responsible attitudes and behavior with respect to personal and community health. If your group is interested in a program about human sexuality, nutrition, alcohol, women's health, stress management, first aid, or other health related topics, contact this office. Patient education programs are offered. Smoking cessation, weight control, physical fitness and parenting classes are available.

Dental Health Services (545-2400, 545-2401)

Director: Henry Lubin

The Dental staff provide emergency dental care, initial oral examinations (except X-rays) and dental health education services as part of the Health Fee. Cleanings and restorative care are provided on a fee-for-service basis, when time permits. Removal of impacted teeth will be offered through the Health Center or by referral to a participating surgeon on a co-payment basis.

Environmental Health and Safety Services (545-2682)

Director: Donald Robinson

The staff works with students, staff and faculty to promote a safe and healthful environment at the University. They are responsible for such activities as Handicapped Student Affairs, radioactive material control, injury prevention, fire safety and public health concerns related to food service and kitchenette sanitation.

Library

Main Library Information
Reference, Collections (545-0150)
Opening Hours, Book Renewals (545-2622)
Morrill Library (545-2674)
Music Library (545-2870)
Graduate Research Center Library (545-1370)

The library system consists of the main library, located in the center of the campus, and three branches: Biological Sciences in Morrill Science Center; the Music Library in the Fine Arts Center; and Physical Sciences in the Graduate Research Center. A current I.D. card serves as a library card.

Legal Services for Students

922 Campus Center (545-1995)

Legal Services offers free legal counseling and/or representation in courts within 30 miles of Amherst. Including a wide variety of matters in landlord tenant disputes, consumer problems, family matters, and educational law problems. Legal Services does not provide assistance for any profit-orientated matter such as real estate, wills, etc. All students paying the Student Activities Tax Fund Fee are eligible for this service. Students enrolled in the Summer Session only may obtain advice and counseling but not representation. Please call to make an appointment.

Off-Campus Housing Office

Munson Hall Basement (545-0865, 545-0145)

The Housing Office provides a referral service which maintains lists of apartment complexes, apartments (furnished and unfurnished), and houses available for renting. Also provided is advice on housing and leasing.

University of Massachusetts Student Federal Credit Union

Colonial Lounge, Student Union Building (545-2800)

The Credit Union is volunteer student run, and owned by its members. It offers savings accounts, check cashing, money orders, travelers checks, low interest loans, and is a purchasing agent for food stamps. The Credit Union offers the lowest student loan rate in the state. Membership is open to all students, including visiting summer students as long as they have a valid Summer Session I.D. Membership is good for life. All accounts are insured in full by the Federal Government. We have 3,400 members with assets of $500,000. This is the largest student run Credit Union in the country, and all are welcome to apply.

Ombudsman

Robert R. Wellman
819 Campus Center (545-0867)

The Ombudsman's Office is the place to go when all else fails. The office helps cut through bureaucratic red tape in an effort to solve unsolvable problems. This service is open to all University students, faculty and staff.

Department of Public Safety

Acting Director: Gerald T. O'Neil
Dickinson Hall (545-3111 emergency, 545-2121 business)

The Department of Public Safety contains the University Police, the Security Guard Force and the University of Massachusetts Police Training Institute. The Department works in conjunction with federal, state, and local law enforcement agencies to provide high quality law enforcement. The Department also maintains crime prevention programs and sensitive crime units.

In accordance with the provisions of the Code of Student Conduct, student I.D. cards or other means of identification must be shown upon request to any properly identified member of the Department of Public Safety, to enable him or her to perform assigned duties.

The Department of Public Safety is located behind Thompson Tower and is staffed 24 hours a day.

register now

New Africa House

Central Residence Area (545-2751)

The New Africa House provides support for Third World students and a place for them to meet. New Africa House sponsors a black repertory theater, a dance theater, a choral group called Voices of New Africa, and *Drum*, a literary magazine.

Veterans Assistance and Counseling Services Office

Mobile Unit #4, (behind Thompson Hall) (545-1346)

VACS facilitates the flow of paper work required to obtain educational benefits for veterans, war orphans, and dependents of veterans.

Applicants are required to present proof of registration at the time of enrollment in order to receive benefits. If already receiving benefits, applicants must re-enroll for Summer Sessions.

The Veterans Office provides personal, academic and financial aid counseling; part-time employment; short-term loans; and programs for disabled veterans. In addition, the office also provides information for state and federal benefits.

Certain veterans may be eligible for partial tuition waivers, for more information please provide VACS with a copy of your DD214. In order to receive G.I. Bill benefits for classes taken, an individual must be in a degree program. Persons requiring assistance may call 545-1346

Boston Calendar

	A Session	B Session	C Session
Advance Registration	April 23 - May 11*	April 23 - May 11*	April 23 - May 11*
Classes Begin	June 4 Monday	June 11 Monday	July 16 Monday
Add/Drop Deadline	June 7 Thursday	June 14 Thursday	July 19 Thursday
Holidays	June 18 Monday	June 18 Monday	
	July 4 Wednesday	July 4 Wednesday	
Pass/Fail Deadline	June 25 Monday	July 9 Monday	August 2 Thursday
Withdrawal Deadline	June 25 Monday	July 9 Monday	August 2 Thursday
Last Day of Classes	July 12 Thursday	August 1 Wednesday	August 21 Tuesday

Final examinations will be given during the regular class period unless otherwise requested by the instructor.

For starting dates on special programs, please consult the course schedule.

*After this date, courses that do not have enough enrollment will be cancelled. Registrations for courses that have the minimum enrollment requirements will continue to be accepted.

MAY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

BOSTON

IMPORTANT – This application can only be used when registering by mail

University of Massachusetts at Boston
Undergraduate Summer Registration Form 1979

Boston

Please Print

Name _____ Birthdate _____ Sex ____ Student Number _____
Last First Middle Name UMass Students Only

Address _____ City/State/ZIP _____ Phone _____ Social Security # _____

Marital Status: ☐Married ☐Single ☐Widowed ☐Divorced

Veteran Status: ☐Veteran ☐Non-Veteran

Residency: ☐Instate ☐Out of State ☐Foreign

Please complete one of the following:

Current/former UMass Student at: ☐Boston ☐Amherst

Accepted as UMass Student at: ☐Boston ☐Amherst Class of 19 ____

Student at another college: _____
name of college or university

COURSE SELECTIONS

Schedule Number	Department	Number	Section	Title	Credits	Course Fee	Total
					X	$30 per credit	
					X	$30 per credit	
					X	$30 per credit	

All fees are subject to approval by the Board of Trustees.

Full payment must accompany mail registration. Make checks payable to: *University of Massachusetts.* Send payment and registration form to: *Summer Session, Registrar's Office, UMass/Boston, Dorchester, MA 02125*
No Credit Cards Accepted
Space below for office use only

Validation

Total Course Fees _____

Mandatory Athletic Fee $2.50

Mandatory Activities Fee $5.00

Mandatory Health Fee $8.00

Total Amount Due and Enclosed _____

Boston Registration Information

Dates

Summer registration period starts Monday, April 23.

Walk-In Registration

Registration forms are available in the Registrar's Office, Plaza Level, Administration Building. *Do not* use the application that is included in this catalogue for Walk-In Registration. Students may register for summer courses by submitting the form with payment to the UMass/Boston Registrar's Office before May 11. The Registrar's Office is open for summer registration Monday through Friday, 9:30-3:30. All fees (not including Lab Fees) must be paid in full at time of registration. To reserve a space in the course students must pay when registering. No registration will be accepted without the correct payment in full. Registration is on a space available basis. Do *not* include lab fees with payment.

Mail-In Registration

To reserve space in a course, fill out the registration form that is included in this catalogue and send it to the Registrar's Office along with *full payment* (excluding lab fees) *Please make out a separate check for course fees for each course that is being requested and a separate check for $15.50 for service fees (health, activities and athletics).* Submission of separate check payments allows for the expeditious return of any payment for courses that are no longer available. Any student who combines payments into one check does so at the risk of having the entire application returned or waiting until after Add/Drop period for a refund. All fees are subject to change. Registration will be accepted on a space available basis. *Full payment* (excluding lab fees) *must be included with the registration form.*

Cancellations

The University reserves the right to cancel any course. All fees and tuition will be refunded in full to any student who pays for a course that is subsequently cancelled. Refunds cannot be processed until the end of the Add/Drop period.

Undergraduate Course Fees

Summer Undergraduate Course fee $30 per credit.*
In addition every student will be required to pay the following mandatory service fees. These remain the same regardless of the number of courses taken:

Student Health Fee $8
Student Activities Fee $5
Student Athletics Fee $2.50
Total Services Fee $15.50

Students taking summer courses on Nantucket Island exclusively are not required to pay the above service fees.

Graduate Course Tuition

Summer School graduate courses are all state funded. Students will pay State tuition rate. Proof of Massachusetts residency must be on file or presented by the student to qualify for in-state tuition rate.

Summer Graduate Course Tuition:
In-state $33.50 per credit
Out-of state $77.50 per credit

Regular summer fees (Health, Student Activities, and Athletics) will be paid by students taking summer graduate courses.

Graduate students are requested to register *in person* at the Registrar's Office.

Payment

Payment must be made in full before registration will be accepted. All bills should be paid by check. Make checks payable to the University of Massachusetts/Boston. No application will be accepted without payment in full.

Cash payments must be made at the Bursar's Office.

Payments by check should be turned in with the Registration Form to the *Registrar's Office.*

Refunds

Refunds cannot be processed until after the Add/Drop period. A student who *withdraws* from a course will be granted a refund according to the following schedule:

Prior to the first week of classes 100%
During the first week of classes (including 1st day) . 60%
During the second week of classes. 20%
During the third week of classes. . . . . No Refund

The refund will be computed on the basis of the withdrawal date established by the Registrar's Office. Any student who does not attend any part of the session will be given a refund provided he notifies the Registrar's Office before the first day. It is the student's responsibility to initiate refund procedures. Non-attendance does not constitute a withdrawal. A valid withdrawal form must be filed with the Registrar.

Course cancellations by the University will be refunded in full. See *Cancellations* for complete information.

**Fee subject to Trustees' Approval*

Lab Fees

Lab fees for applicable courses should be paid at the *Bursar's Office* on the first day of classes.

I.D. Cards

Students who do not hold a current valid I.D. Card can obtain one at the INFO Office (Bldg. II, 2nd floor, Rm. 414). There is a $1 charge for this service.

Financial Aid

Only currently matriculated UMass/Boston students are eligible to apply for financial aid. Grants and loans will be available to cover the cost of tuition, health, activities, and athletics fees. There will be no funds available for books and maintenance costs. Incoming freshmen are not eligible for summer financial aid.

Students interested in applying for Summer School financial aid must first submit the following forms on or befor March 31, 1979:

1) Upperclass Financial Aid Application Form
2) Financial Aid Form 1979-1980
3) *Notarized* copy of 1978 Tax Return

In addition, a Summer School Clearance Form, available at the Financial Aid Office in April, must be submitted.

The last day to submit a Summer School Clearance Form is May 4, 1979. Students applying for Summer School financial aid must follow the procedures outlined below:

1) Pick up registration form in Registrar's Office and list courses for which he/she intends to register.
2) Bring registration form to Financial Aid Office.
3) Complete the Summer School Clearance Form available in the Financial Aid Office.
4) Verification of the clearance form requires a minimum of 24 hours, therefore the student should submit a clearance form as soon as possible so his/her registration can be confirmed.

Payment by Outside Agencies

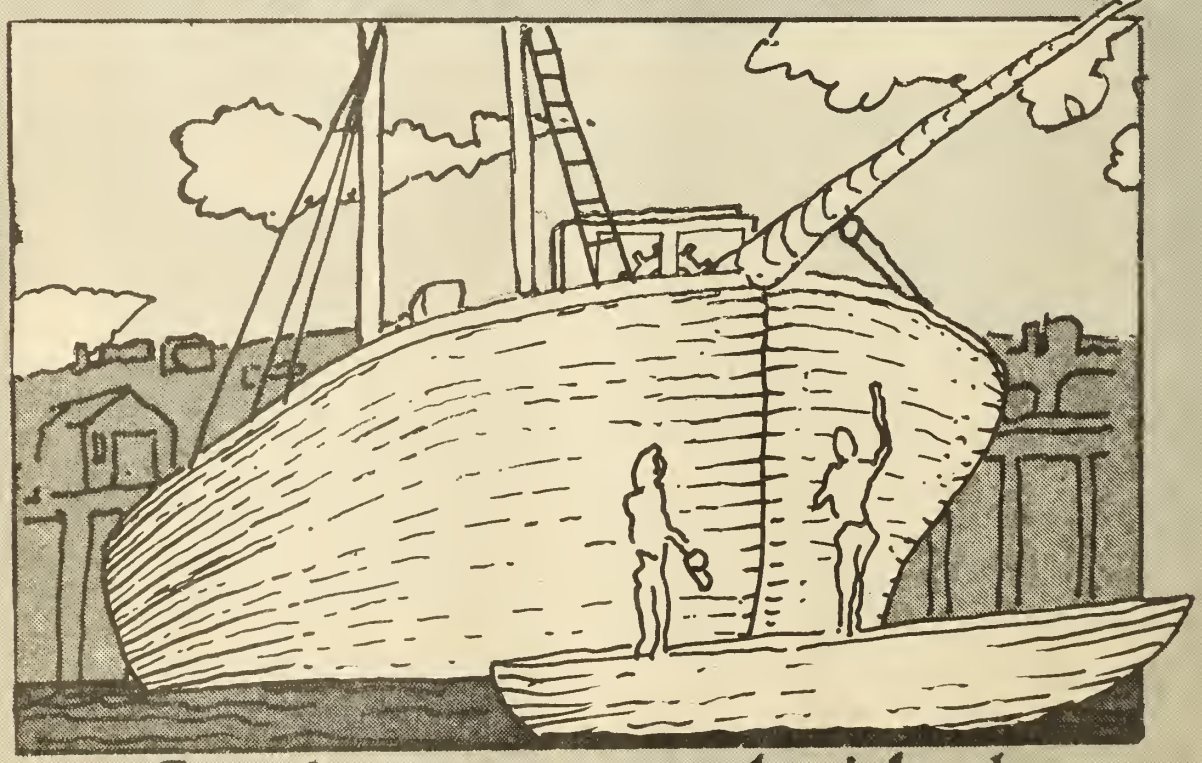
Students whose bill is to be paid by an outside agency must include this fact on their application. These applications must be certified for clearance by the Bursar's Office. ance is granted only if proof of coverage is on file with the Bursar. Specific authorization from an agency must be on file before clearance can be granted for registration.

Veterans' Benefits

UMass/Boston students now receiving educational benefits through the Veterans' Administration and who wish to continue these benefits during the summer session should contact the Office of Veterans' Affairs for summer certification. Non-UMass/Boston summer students who are eligible for educational benefits and who desire to use them must contact the Office of Veterans' Affairs.

Tuition waivers for Massachusetts veterans are *not* accepted for the summer session, with the exception of graduate level courses. All fees must be paid in full by the veteran

Come to Nantucket



Spend a summer on the island

EARN CREDITS by taking courses offered as part of UMass/Boston Summer Session.
For further details and list of courses see Nantucket Program in this catalog.

Boston Academic Information

Adding or Dropping Courses

Students may add or drop any course during the first four academic days of the session without notation in their record. For Add/Drop deadlines consult the UMass/Boston summer calendar in this booklet.

Withdrawing from Courses

Students withdrawing from courses after the Add/Drop deadline receive a grade of "W". Withdrawal cards may be obtained in the Registrar's Office. No withdrawals are accepted after 4 p.m. on the last day of the withdrawal period. Refunds are processed where applicable (see refund schedule under Registration Procedures).

Pass/Fail Option

A total of eight courses may be taken Pass/Fail by a regular UMass/Boston student while completing an undergraduate degree. During the summer only ONE course can be taken on a Pass/Fail basis provided that the student is carrying a minimum of six credits or two courses. It is understood that a summer course taken on a Pass/Fail basis counts toward the maximum allowed number of eight. Students enrolled in a course designated as Pass/Fail may not take another course Pass/Fail during the same summer. Any student submitting two Pass/Fail cards in one summer will not be allowed to take either course on a Pass/Fail basis. A Pass/Fail card, once submitted, cannot be withdrawn after the deadline. Pass (P) grade is added to graduation credits but not to quality points or cumulative average. Fail (F) is included in quality points or cumulative average as a regular "F".

Independent Study

Any student wishing to register for Independent Study must do so through the Scheduling Office, located in the Registrar's Office, after satisfying any departmental prerequisite(s). Course fees for Independent Study are $26.26 per credit. Students taking Independent Study during the summer pay regular service fees.

Final Examinations

Final examinations are given during the regular class time unless otherwise requested by the instructor.

Grades

Grades shall be reported according to the following letter system:

A	4.0	D+	1.25
A–	3.75	D	1.0
B+	3.25	D–	.75 (minimum passing grade)
B	3.0	F	.00 (Failure)
B–	2.75	Inc	Incomplete
C+	2.25	Pass	Passing (Pass/Fail Option)
C	2.0	Y	Interim grade in a declared year long course
C–	1.75		

The grade of Incomplete shall be reported only when a portion of the assigned or required class work, or the final examination, has not been completed because of the student's serious illness, extreme personal circumstances, or for scholarly reasons at the request of the instructor. If the student's record is such that he would fail the course regardless of the result of the missing work, he will receive an *F*. A student can obtain credit for an incomplete only by finishing the work of the course by the end of the following semester. The initiative for removal of the incomplete grade rests with the student.

An incomplete on a final grade report is not calculated in arriving at a temporary quality point average. When the incomplete is later converted to a grade, the quality points are changed and the student is notified.

Once a grade is submitted, it cannot be changed except on approval of the Department Chairperson.

Grade Point Average

Quality points are assigned to course grades as demonstrated above. The numerical equivalent following each grade indicates the quality points. The quality points for each grade are multiplied by the number of credits for the course, and the totals for all courses are added to arrive at the number of cumulative quality points. The number of cumulative quality points is divided by the number of cumulative credits carried to arrive at the cumulative quality point average. A "P" is not counted in the cumulative average.

Competencies

In the College of Public and Community Service at UMass/Boston, *Competencies* are awarded for courses taken rather than credit hours and grades. Competence is evaluated according to clearly specified criteria and standards published in advance in competence statements. Students who have successfully demonstrated competence in Summer School courses are awarded specific *competencies* identified in the CPCS course descriptions. Each *competency has a specific number of credit equivalencies* attached to it which can be transferred on a Pass/Fail basis for *elective* credit to other colleges at UMass/Boston or to other institutions that agree to accept them. Course fees for CPCS courses are listed under each course.

Academic Advising

Academic advising for summer students is offered in each of the Colleges.

Maximum Load for Summer

During the summer UMass/Boston students are not allowed to enroll for more than 3 regular courses unless they have a minimum 3.0 grade point average *and* the approval of their academic advisor.

Transcripts

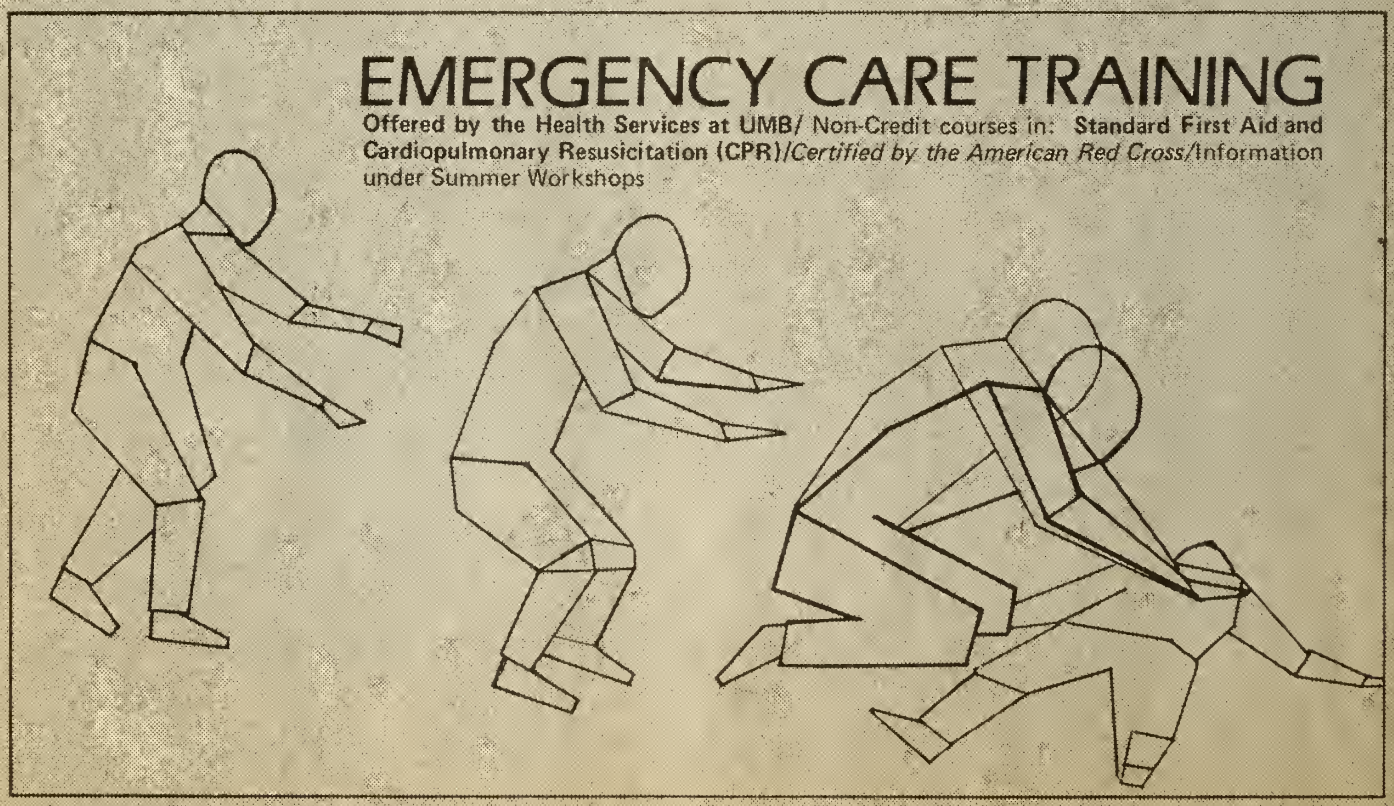
All students who wish a transcript of their grades sent to another school must complete a transcript request in the Registrar's Office. UMass/Boston students receive transcripts under the present University policy. The first two transcripts are free, each additional transcript costs $1. Non-UMass/Boston students will receive one free transcript, with each additional copy costing $1.

Regulations

Normal University regulations apply during the summer session, unless otherwise specified. Students are advised to consult the Student Handbook available at the Info Center in Building 020.

Credit

All courses carry full academic credit, and are equivalent in method, content and credit to courses offered at the University during the regular academic year. Credits obtained in these courses are ordinarily accepted as transfer credit by other colleges.



Boston Course Descriptions

The College of Arts and Sciences

The College of Arts and Sciences is the largest academic unit of the University of Massachusetts at Boston, with more than 400 faculty members in 22 departments. Supplementing the major programs are some eleven interdisciplinary concentrations providing the opportunity to integrate perspectives and knowledge gained in various disciplines. The College offers support to the general education programs of the other two Colleges of the Boston campus by direct faculty participation and by opening its own courses to all qualified students.

During the summer a careful program of courses designed to represent all disciplines is offered from this college. Careful consideration is given to courses that will help satisfy academic requirements. In addition, some special summer programs have been developed to give students an opportunity to embark on new academic experiences.

ANTHROPOLOGY

ANTH 102 Introduction to Archaeology and Biological Anthropology
Study of the biological and cultural heritage of humens. Topics include primate and human evolution, human adaptation and variation and the evolution of prehistoric cultures.
3 lect hrs 4 credits

ANTH 103 Introduction to Cultural Anthropology
Study of recent and contemporary human societies end cross-cultural perspective. Ethnographic accounts are used to analyze and compare variations in cultural adaptetions and processes of cultural change.
3 lect hrs 4 credits

ANTH 210 Biosocial Bases of Human Behavior
The biological basis of human behavior—evolutionary principles, studies of animal behavior, primete studies, genetic variebility in human populations today, evaluation of current theories of man's biological nature and heritage. Prerequisite: ANTH 101 or ANTH 102, or permission of instructor.
3 lect hrs 3 credits

ANTH 280 People and Cultures of Celtic Europe
An ethnographic and ethnohistorical survey of traditional Celtic societies in Northwestern Europe as well as North American "transplant" communities, in terms of four major types: Irish, Welsh, Scottish, and Breton. In addition, a major emphasis is placed on traditional Celtic fringe groups (west country Irish, highland Scots) adapting to the pressures imposed upon them by outside political and economic forces. Prerequisites: ANTH 103, or permission of instructor, or ANTH 101.
3 lect hrs 3 credits

ART

ART 100 Introduction to the Language of Art
The nature of form, content, technique, and style in painting, sculpture, architecture, and graphic arts. Designed to sharpen the student's response to original works. Museum meetings alternated with lecture/discussions on key problems.
3 lect hrs 4 credits

ART 195 Introduction to Film Analysis
Develops understanding and appreciation of film as art, communication and personal expression. Provides an experience that goes beyond the limits of conventional theater and TV viewing. Explores the elements of film language, the basic film types, end certain major film styles. Examples of classic Hollywood and Contemporary American, as well as Foreign Feature Films.
3 lect hrs 4 credits

ART 293 Photography I
Basic issues in photography. Mechanics of the camera, techniques of the darkroom, and creative and personal import. Illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography and its more significant creative impulses. Prerequisite: ART 100 or ART 175.
5 combined lect/studio hrs 3 credits

ART 330 (See Nantucket Program)

BIOLOGY

BIOL 101 The Basis of Life
The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the sciences is required.
3 lect hrs, 1 disc hr 4 credits

BIOL 102 Evolutionary Biology
Mendelian and population genetics, the relationship between environment and the inherited ability of organisms to adept the processes of genetic change and stability through time. Those areas of genetics, ecology and evolution that form a unified approach to the study of organisms and populations. Although human applications and social concerns will be presented, the course will draw its primary substance from the fundamental experiments and discoveries.
3 lect hrs 4 credits

BIOL 111 General Biology I
An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
3 lect hrs, 3 lab hrs 4 credits

BIOL 112 General Biology II
An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in Biology or for non-majors who wish to take advanced Biology courses. Prerequisite: BIOLOGY 111.
3 lect hrs, 3 lab hrs 4 credits

BIOL 200 Field Biology
(see description under Nantucket Program)

BIOL 232 Invertebrate Zoology
Evolution, ecology, life history and morphology of invertebrate animals. Emphasis placed on living representatives of local fauna, especially marine invertebrates. Prerequisite: BIOLOGY 111 and 112.
3 lect hrs, 6 lab hrs 5 credits

BLACK STUDIES

BLKSTY 110 Introduction to Black Studies I
An introduction to the key issues in Black Studies. An outline of the history of Blacks in America, Canade, the West Indies and the United States to 1865.
3 lect hrs 4 credits

BLKSTY 201 Roots of the Black Family
An exploration of the social, economic and religious issues affecting the Black family.
3 lect hrs 3 credits

CHEMISTRY

CHEM 103 Chemical Principles I
Introduction to the fundamental principles of chemistry including structure, periodic table of the elements, chemical bonding and molecular structure, states of matter based on kinetic theory, chemical kinetics,

equilibria, and elementary thermodynamics. Laboratory work presents an introduction to methods of quantitative chemical techniques.
3 lect hrs, 3 lab hrs, (1 disc hr optional) 5 credits

CHEM 104 Chemical Principles II
Introduction to electrochemistry, oxidation-reduction reactions, acid-base systems, and a survey of the chemical properties of elements based on principles already introduced. Laboratory work presents qualitative and quantitative analysis. Prarequisite: CHEMISTRY 103.
3 lect hrs, 3 lab hrs, (1 disc hr optional) 5 credits

CHEM 153 Organic Chemistry I
An intensiva survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification and identification of organic compounds by classical and instrumental methods. Prarequisite: CHEMISTRY 104, or equivalent course approved by the Department.
3 lect hrs, 3 lab hrs, 1 disc hr 5 credits

CHEM 154 Organic Chemistry II
An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the praparation, purification and identification of organic compounds by classical and instrumental methods. Prerequisite: CHEMISTRY 104.
3 lect hrs, 3 lab hrs, (1 disc hr) 5 credits

CLASSICS

CLSICS 284 Greek and Roman Religion and Myth
The analysis, background, and lasting influence of Greek and Roman myths. Some consideration of the ancients' beliefs about divinity, worship and ritual practices. Both primary (ancient authors) and secondary modern sources will be used.
3 lect hrs 4 credits

ECONOMICS

ECON 100 Economic Literacy
A broad introductory survey of economic principlas and institutions. Emphasis on the role of economic principles in understanding and analyzing current economic problems.
3 lect hrs 4 credits

ECON 155 Statistical Methods
A non-calculus introduction to statistical inference. Primary objective is to familiarize the students with common statistical concepts so they will be abla to make intelligent evaluations to technical reports. The first half of the course covers probability including common distributions. Second half studies hypothesis testing including T-tests, goodness of fit, contingency tables, analysis of variance, regression and correlation.
3 lect hrs 4 credits

ECON 225 American Economic History
This is a course in the economic history of the United States. It begins with a study of the colonial period to make clear the economic basis of the Revolutionary War. The course will then cover the industrial revolution in the United States and the economic basis for slavery and the Civil War. The course will then cover such 20th century issues as the broad scale conflict between capital and labor during and after WW I, the weakness of the U.S. economy during the 1920's, and the Great Depression. Prerequisite: ECONOMICS 100.
3 lect hrs 3 credits

ECON 235 International Economics
The theory of international trade; theory and practice of commercial policy, international finance, the balence of payments, adjustment mechanisms, and alternative monetary systems. Prerequisite: ECONOMICS 100.
3 lect hrs 3 credits

ECON 281 Marxist Analysis and Radical Critique of Modern Economic Theory
The central focus of the course is Marxist economic analysis in its classical and modernized forms. Radical critiques of standard macro, micro, and development economic theory are presented and evaluated. Prerequisite: ECONOMICS 100.
3 lect hrs 3 credits

EDUCATION

While UMass/Boston has no formal Department of Education, the following courses are among those approved by the Commonwealth's Bureau of Teacher Certification as Education Courses:
Philosophy 130, Philosophy of Education
Psychology 245, Educational Psychology
Sociology 338, Sociology of Education
For schedules and course descriptions look under each individual department.

By special arrangement with the UMass/Amherst School of Education, the following course will be offered at Boston.

EDUC 1590V Fundamentals of Bilingual Bicultural Education
An introductory course in the specialized area of bilingual bicultural education. Focus on legislation, court decisions, OCR rulings, case studies, certification standards, history and culture of language minorities; class, school and district organizational models.
3 credits

ENGLISH

ENGL 101 Freshman English I
Practice in writing on various kinds of topics chosen to develop students' confidence and ability as writers. Readings and materials will vary from section to section, but all sections require a minimum of eight papers.
3 lect hrs 4 credits

ENGL 102 Freshman English II
Practice in writing on kinds of topics often encountered in college courses. Readings and materials will vary from section to section, but all sections require a minimum of seven papers. Prerequisite: ENGLISH 101 or equivalent.
3 lect hrs 4 credits

ENGL 206 Five British Writers
An introduction to English literature with the emphasis on a few writers such as Chaucer, Shakespeare, Milton, Donne and Swift. Special attantion to writing. Four papers per semester.
3 lect hrs 4 credits

ENGL 213 Tha Nature of Literature: Emphasis on Fiction
An introduction to the various critical approaches to the understanding and appreciation of fiction. Techniques of close reading with special attention to the language and form of fiction as well as the writing of critical and interpretive papers.
3 lect hrs 4 credits

ENGL 240 Intermediate Composition
A composition course offering continued practice in expository and argumentative writing. The emphasis will be on the development of rhetorical concepts—definition, exemplification, comparison, etc.—for both analytic and compositional purposes, for both critical reading and the organization and development of papers. Readings will be short, complex passages representativa of the kinds of discourse met in college classes and texts.
3 lect hrs 4 credits

ENGL 407 Modern British Novel
The British novel from Joseph Conrad to Anthony Burgess, including Lawrence, Woolf, Forster, Cary, Waugh, Greene, Murdoch, and Lessing.
3 lect hrs 3 credits

ENGL 408 Contemporary American Poetry
A comprehensive overview of living American poets, plus intensive readings in selected writers such as Ashbery, Levertov, Ginsberg, Lowell, Wilbur, Ammons, Baraka, Plath, and Merwin. Discussions of individual poets on their own merits and as exemplars of current poetic schools. Prerequisite: 1 poetry course.
3 lect hrs 3 credits

FRENCH

FRENCH 125 Intensive French I
Intensive work in the four language skills with concentration on audio-lingual approach and an introduction to literature, for students with no creditabla previous training in French who intend to continue their study of French language and literature at the 200 level or above. Equivalent to one year of elementary French.
8 lect hrs, 3 lab hrs 8 credits

FRENCH 101 Elementary French I
Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in French. This course will be given in a 3½ week period.
4 lect hrs, 2 lab hrs 4 credits

FRENCH 102 Elementary French II
A continuation of French 101. Intensiva practice in the four language skills, with an audio-lingual approach. This course will be given in a 3½ week period. Prerequisite: FRENCH 101 or equivalent.
4 lect hrs, 2 lab hrs 4 credits

register now

FRENCH 301 Traduction et Stylistique
Intensive study of grammar, stylistics and composition. Problems of idiomatic translation based on contemporary English and American texts. Prerequisite: FRENCH 202 or equivalent or permission of instructor.
3 lect hrs 3 credits

GERMAN

GERMAN 115 Intensive Elementary German
A multi-media approach, with concentration on listening and reading comprehension. Open to students with no previous creditable knowledge in German. Upon completion, students may enter German 201 and, in special instances, German 202.
8 lect hrs, 3 lab hrs 8 credits

GERMAN 101 Elementary German
For students with no creditable training in German. Work in the four language skills with particular emphasis on listening and reading comprehension. This course will be given in a 3½ week period.
4 lect hrs, 2 lab hrs 4 credits

GERMAN 102 Elementary German
Continuation of German 101. Work in the four language skills with particular emphasis on listening and reading comprehension. This course will be given in a 3½ week period.
4 lect hrs, 2 lab hrs 4 credits

HUM 271 Holocaust Literature
(see description under Humanities)

HISTORY

HIST 111 Western Civilization I
The historical development of European civilization, ideas and institutions to 1789, including America's place in the western world. Training in oral and written expression.
3 lect hrs 4 credits

HIST 112 Western Civilization II
The historical development of European civilization, ideas and institutions since 1789, including America's place in the western world. Training in oral and written expression.
3 lect hrs 4 credits

HIST 161 Introduction to African Civilization II
The interaction between the West and Africa in the nineteenth and twentieth centuries. The African response to European imperialism, social and economic changes under colonialism, the development of nationalism and the struggle for independence, Africa and Afro-American, and Pan-Africanism. Training in oral and written expression.
3 lect hrs 4 credits

HIST 265 American History I
A survey of American History from 1763 to the Civil War. The expansion and consolidation of the American union, the development of national and international policies and the cultural and economic forces that shaped them.
3 lect hrs 4 credits

HIST 266 American History II
A survey of American history from the Civil War to the present. Expansion and consolidation of the American union, the development of national and international policies and the cultural and economic forces that shaped them.
3 lect hrs 4 credits

HIST 380 The United States in the Twentieth Century: 1937 to the Present
An historical analysis of the forces which have shaped modern America. Topics include the New Deal, the Cold War, the War on Poverty and the social programs of the 1960's, and the Watergate incident. Readings will come from a variety of sources including unpublished documents issued by the individuals who participated in the events under discussion.
3 lect hrs 3 credits

HIST 478 American Maritime History
(see description under Nantucket Program)

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HUMANITIES

HUM 271 Holocaust Literature
An analysis of imaginative literature dealing with the Nazi genocide of six million Jews. The first part of the course will briefly survey the history of the Holocaust.
3 lect hrs 4 credits

ITALIAN

ITAL XXX Intensive Elementary Italian
For students who have no creditable training in Italian, intensive practice in the four language skills, with an audio-lingual approach. Equivalent to two semesters of Elementary Italian.
8 lect hrs, 2 lab hrs 8 credits

ITAL 101 Elementary Italian I
For students who have no creditable training in Italian, intensive practice in the four language skills, with an audio-lingual approach. This course will be given in a 3½ week period.
4 lect hrs, 2 lab hrs 4 credits

ITAL 102 Elementary Italian II
The continuation of Ital 101. Intensive practice in the four language skills, with an audio-lingual approach. This course will be given in a 3½ week period.
4 lect hrs 4 credits

LATIN

LATIN 113 Intensive Fundamentals of Latin I & II
Fundamentals of Latin grammar, syntax and vocabulary, equivalent to two college semesters. Prepares students for reading of classical Latin texts.
8 lect hrs 8 credits

LAW & JUSTICE

LAWJUS 103B Punishment
The theory and practice of punishment as integrated into our legal system. Topics include: what is punishment; punishment and reward; punishment and crime; retributivist and deterrence theories of punishment; punishment and responsibility; alternative to punishment; rehabilitation and treatment. The issue of capital punishment is considered in some detail, especially as it relates to recent attempts at legislation.
2 lect hrs 2 credits

LAWJUS 104 Introduction to Law & Justice
Introduction to Law & Justice explores both the mutual relationships and the frequent gaps between law and justice as revealed in a selection of literary, historical, anthropological, political, philosophical and sociological materials. The course will focus on questions having to do with the criminal justice system; social justice; and the limits of legal authority. The course parallels the Foundation Course in Law & Justice, but it does not have a freshmen writing component. Students who have previously taken LawJus 101, the

Earn a Certificate in Translation

spanish-english

Complete Program in Translation offered during the summer at UMB

Courses in - Techniques of Translation
Advanced Translation

For details see description of courses, pp 54

Foundation Course in Law & Justice, *may not take* Introduction to Lew & Justice.
3 lect hrs 4 credits

LAWJUS 470A Criminal Law and the Legal Process
An interdisciplinary approach to the study of criminal law. The primary focus is substantive criminal law and the relationship of history, philosophy and sociology to the development of our present legal system and process. Particular interest is placed on: the place of law in our society, the limits of criminal law, and the many actions involved in the criminal legal process (including on-site visits to courts end prisons, if possible).
3 lect hrs 3 credits

MATHEMATICS

MATH 110 Basic Math and College Algebra
For students with a weak math background who want to develop skills for further math and science courses. Covers a review of basic high school math and some of the material in Math 130. Generally limited to students with less than 3 years of high school math preparation.
3 lect hrs 4 credits

MATH 124 Applied Algebra
This course is designed to meet some of the math needs of eny educated citizen who does not have to take Calculus I. Discussion of algebra as used in economics, public policy, psychology, everyday general science, etc. Provides adequate preparation for Survey of Calculus and a general background for meny social science courses where a collegiete level of mathematics is expected. Prerequisite: MATH 110 or equivalent (math placement test).
3 lect hrs 4 credits

MATH 125 Elementary Probability Theory
For non-science majors and non-methematics majors. Topics include elem. set theory, combinations, permutations and other counting formulas, finite probability theory, random variebles and their distributions. Serves es preparation for Math 126 or Statistics courses in other departments.
3 lect hrs 4 credits

MATH 130 College Algebra and Trigonometry
Provides e review of college algebre, trigonometry and enough analytic geometry to begin the calculus sequence, for students with adequate basic math skills who need to review and extend their knowledge of algebra, etc. before taking more advanced courses in math or science. Ordinarily science and math majors should begin with Math 140 end/or Math 150 (in certein cases and with the permission of both instructors. A student who has completed Math 110 may take Math 130 for credit.)
3 lect hrs 4 credits

MATH 137 Introduction to Mathematical Computer Programming
A detailed introduction to algorithms and problem solving techniques. Description of one or more algebraic languages. Gives experience in programming and debugging via several problems. Prerequisite: MATH 130 or equivalent.
3 lect hrs 4 credits

MATH 140 Calculus I
The first in the calculus sequence of course for science and mathematics majors. Starts with the basic concepts of functions and limits. Topics covered include: derivatives end their applications, definite and indefinite intergrals with applications to geometrical and physical problems, discussion of algebraic and transcendental functions. A student who has received credit for Math 135 mey not take Math 140 for credit without the explicit permission of the Department. Prerequisite: MATH 110 or 130.
4 lect hrs 4 credits

MATH 141 Calculus II
Continuation of Math 140. Topics include: integretion, applications of the integral, sequences and series. Prerequisite: MATH 140 or equivalent.
4 lect hrs 4 credits

MATH 150 Vector Geometry and Matrices
Plane end solid anelytic geometry from the vector-spece point of view. Elementary linear systems of equations, elementary operations for 2 X 2 and 3 X 3 matrices over R, determinants. Prerequisite: MATH 130 or equivalent.
3 lect hrs 3 credits

MUSIC

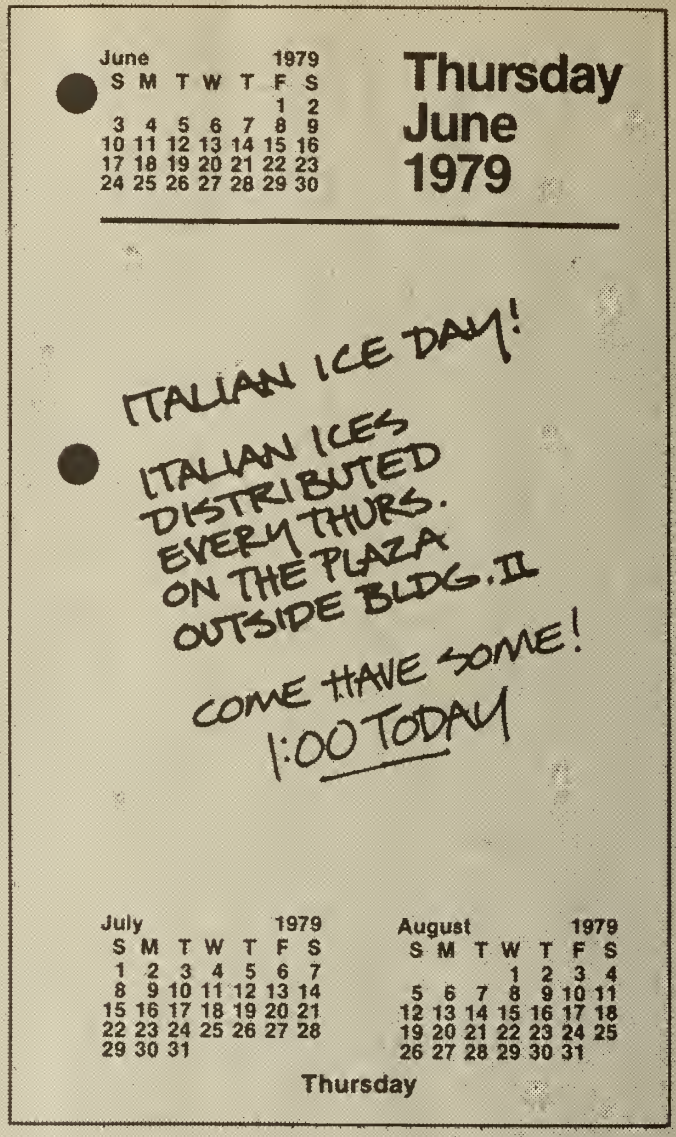
MUSIC 111 Introduction to Music
Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music mejors.
3 lect hrs 4 credits

PHILOSOPHY

PHIL 100 Introduction to Philosophy
An introductory examination of the problems end scope of philosophy.
3 lect hrs 4 credits

PHIL 108 Moral and Social Problems
Important moral and social issues of current concern are examined and debated. The course covers three problems each semester from a list including: criminal punishment, war, abortion, racism, violence, the death penalty, private property and sexism. Students may sign up for any or all parts of this course end will receive one, two or three credits accordingly.
3 lect hrs 3 credits

PHIL 120 Introduction to Logic
The forms of valid reesoning, deductive and inductive, and their role in reflective thinking, formal logic, truth functions, quantifiers, proofs of formal adequacy, the classical problem and new riddle of induction, reasoning with probabilities and elements of game theory.
3 lect hrs 4 credits



PHIL 130 Philosophy of Education
Philosophical ideas and concepts relevant to the nature and aims of education.
3 lect hrs 3 credits

PHYSICS

PHYSICS 107 College Physics I
Non-calculus introductory physics for the student with a strong interest or background in science. Topics in mechanics, wave motions, heat, kinetic theory of gases, electricity, optics, atomic and nuclear physics. Biology majors, pre-medical students, and others who need or want laboratory work in physics should enroll concurrently in Physics 171-172. (Physics 181-182 is also available. Prerequisite: MATH 130 or permission of instructor.
3 lect hrs, 1 disc hr 4 credits

PHYSICS 108 College Physics II
A continuation of Physics 107, non-calculus introductory for the student with a strong interest or background in science. Topics in mechanics, wave motions, heat, kinetic theory of gases, electricity, optics, atomic and nuclear physics. Biology majors, pre-medical students, and others who need or want laboratory work in physics should enroll concurrently in Physics 171-172 (Physics 181-182 is also available). Prerequisite: PHYSICS 107 or permission of instructor.
3 lect hrs, 1 disc hr 4 credits

PHYSICS 113 Fundamentals of Physics I
Topics in classical physics, including mechanics, thermodynamics, and kinetic theory, basic concepts of calculus are introduced within the context of physical phenomena. Satisfies the Physics requirement for the Engineering Program. Corequisite: MATH 140. Corequisite for Physics Majors: PHYSICS 171.
3 lect hrs, 2 disc hrs 4 credits

PHYSICS 171 Introductory Physics Laboratory I
A two-semester course designed primarily for biology majors and pre-medical students. Experiments in basic physics on mechanics, electricity and magnetism, and optics with applications on the use of physical instruments and techniques in biology and medicine, such as theory and use of the microscope, the centrifuge, and electrophoresis techniques. Corequisite: PHYSICS 107-108 or 113-114.
2½ lab hrs in alternate wks 1 credit

PHYSICS 172 Introductory Physics Laboratory II
A two semester course designed primarily for biology majors and pre-medical students. Experiments in basic physics on mechanics, electricity and magnetism, and optics with applications on the use of physical instruments and techniques in biology and medicine, such as theory and use of the microscope, the centrifuge, and electrophoresis techniques. Corequisite: PHYSICS 107-108 or 113-114.
2½ lab hrs in alternate wks 1 credit

POLITICAL SCIENCE

POLSCI 122 Government and Politics of the United States
The three main branches of the national government, federalism, political parties and interest groups, and governmental functions.
3 lect hrs 4 credits

POLSCI 123 Political Ideas of the Twentieth Century
Major political viewpoints of the present, including conservatism, liberalism, marxism and fascism.
3 lect hrs 4 credits

POLSCI 363 Government and Politics of the Soviet Union
The historical and ideological origins of the Soviet Union, the role of the Communist Party in Soviet society, interest groups in the Soviet Union and the nature of Soviet society today. Prerequisite: Junior standing.
3 lect hrs 3 credits

POLSCI 477 Themes in Russian Political and Philosophical Thought
(see description under Nantucket Program)

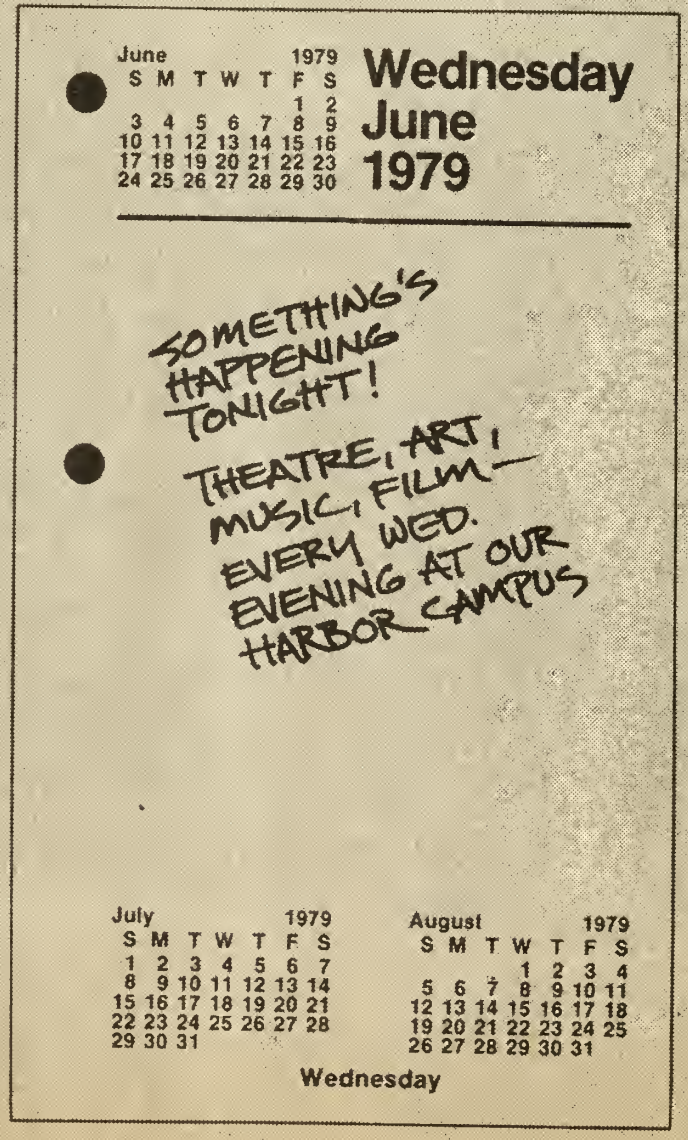
PSYCHOLOGY

PSYCH 101 Introductory Psychology
A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, motivation and emotion.
3 lect hrs 4 credits

PSYCH 102 Introduction to Psychological Research
Basic methods used by psychologists in the scientific study of behavior, experimental, naturalistic observation, clinical case-study methods, etc. will be considered. Elementary descriptive statistics. Prerequisite: PSYCH 101.
2 lect hrs, 1½ lab hrs 4 credits

PSYCH 200 Personality
Comperative approach to personality theories of Allport, Cattell, Freud, Maslow, Murray, Kelley, ego psychologists, self-theorists and others. An examination of theorists' conceptions of human nature is used as a framework for discussing their formal theories. Empirical research on the theories and their applications also considered.
3 lect hrs 3 credits

PSYCH 230 Social Psychology
A basic survey of social psychology, with focus on the nature of human groups and the way man's participation in them affects his own behavior. Prerequisite: PSYCH 101.
3 lect hrs 3 credits



PSYCH 241 Infancy and Childhood Development
Human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Emphasis on early perceptual, cognitive, social and affectiva development bearing the following questions in mind: how does the world of space and objects appear to the infant? How does he acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role do the significant people play in his life? Prerequisite: PSYCH 101.
3 lect hrs — 3 credits

PSYCH 245 Educational Psychology
Application of psychological concepts to education with emphasis on the role of the school, the family, the classroom, and the teacher in the educational process.
3 lect hrs — 3 credits

STUDY OF RELIGION

RELSTD 122 Introduction to Religion: Varieties of Religious Experience
An introductory and survey of the study of religion, concentrating on certain figures and movements from the major world religious traditions, and using psychological, sociological and theological-philosophical approaches. Readings such as the Gilgamesh Epic, Augustine's Confessions, Gandhi's Autobiography, Hasidic Stories, Zen Koans, Sufi Tales, as well as contemporary writings.
3 lect hrs — 4 credits

RUSSIAN

RUSS XXX Intensive Practice in Intermediate Russian Conversation and Composition
Practical training, oral and written, in the Russian language. Attention is given to building a new vocabulary and to raising the student's level of fluency and writing skills. Classes are conducted by an instructor with native proficiency.
6 lect hrs — 6 credits

RUSS 203 Russian Conversation and Composition
Practical training, oral and written, in the Russian language. Attention is given to building a new vocabulary and to raising the student's level of fluency and writing skills. Classes are conducted by an instructor with native proficiency. This course is given in a 3½ week period.
3 lect hrs — 3 credits

RUSS 204 Russian Conversation and Composition
Continuation of Russian 203. Intensive practice in Russian conversation and composition. This course is given in a 3½ week period. Prerequisite: RUSS 203.
3 lect hrs — 3 credits

SOCIOLOGY

SOCIOL 101 Introduction to Sociology
The structure of society, cultural patterns, and group life. The individual and socialization, groups institutions, social systems, social change.
3 lect hrs — 4 credits

SOCIOL 211 The Urban Community
The development of the city as a complex form of the human community. History and growth of urbanism in industrial societies and developing nations. Urban change and the problem of planning. Prerequisite: SOCIOL 101.
3 lect hrs — 3 credits

SOCIOL 241 Elements of Sociological Theory
Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research. Prerequisite: SOCIOL 101.
3 lect hrs — 3 credits

SOCIOL 261 Social Deviance and Control
The social conditions of individual and group behavior disorders, deviant subcultures and social control. Prerequisite: SOCIOL 101.
3 lect hrs — 3 credits

SOCIOL 338 Sociology of Education
The educational systems of various types of western and non-western societies and the changes in western systems in modern history. Particular reference to the U.S., the structural features of types of American schools and colleges and the relevance of these features to the economy and the ideology. Prerequisite: SOCIOL 101.
3 lect hrs — 3 credits

SOCIOL 351 Methods of Sociological Research
Design of sociological research and methods of inquiry, organization and analysis of data, development of research projects. Prerequisite: SOCIOL 101.
3 lect hrs — 3 credits

SPANISH

SPAN 101 Elementary Spanish
For students with no creditable training in Spanish. An intensive study of the four language skills based on an audio-lingual approach.
4 lect hrs, 1 lab hr — 4 credits

SPAN 102 Elementary Spanish
A continuation of SPAN 101. An intensive study of the four language skills based on an audio-lingual approach.
4 lect hrs, 1 lab hr — 4 credits

SPAN 103 Intensive Elementary Spanish
An intensive study of the four language skills for those who wish to do a full year of elementary Spanish in one semester. May be taken for credit by students who have studied two years in high school and wish to start over.
8 lect hrs — 8 credits

SPAN 205 Intensive Intermediate Spanish
A continuation of SPAN 103 for those who wish to do a full year of intermediate Spanish in one semester. Students who have passed SPAN 115 will have priority, but the course may be taken by anyone eligible for SPAN 201.
8 lect hrs — 8 credits

SPAN 271 Introduction to Techniques of Translation
(see description under Translation Program)

SPAN 273 Advanced Translation
(see description under Translation Program)

SPAN 301 Advanced Spanish Composition and Conversation
Intensive work in written and oral Spanish. Weekly themes and frequent oral reports. Prerequisite: Intermediate Spanish or equivalent.
3 lect hrs — 3 credits

THEATRE ARTS

THR ART 125 Speech and Movement
Training for voice and body which keeps speech and movement in touch with each other: moving with words, speaking with the body. Regular vocal-physical warm-ups and group exercises aimed at freeing expressive impulses will prepare the student for creative work on a variety of materials, both individually and in groups.
3 lect hrs — 3 credits

THR ART 481 Modern Dance and Jazz Techniques
An eclectic approach to dance training, derived from the techniques of Martha Graham, Merce Cunningham, Alwin Nikolais and "Luigi," form the basic work of this course. Formal structures, as well as the elements of time, space and force, will be explored in short compositional studies.
3 lect hrs — 3 credits

THR ART 482C Reader's Theatre
(see description under Nantucket Program)

WOMEN'S STUDIES

WOST 100 Women and Society, an Introduction to Women's Studies
An introductory, interdisciplinary course recommended as a first course in Women's Studies. Through lectures, readings, and discussions, students will examine the origins of women's oppression; female and male sex roles; marriage and the family; women workers at home and in the labor force. Students will relate course material to experiences in their own lives. First and second year students only.
3 lect hrs — 4 credits

WOST 200 Twentieth Century Women Writers: A Feminist Perspective
An intermediate-level course which examines the ways women writers in this century have dealt with some important themes of contemporary feminism. These include: the special difficulties facing the woman artist; the process of female socialization and its impact on mother-daughter relationships; female adolescence; lesbianism; the need for making the lives of ordinary women a subject for study and a source of artistic creation; and rediscovery of women's collective past. Novels, short stories, some analytical essays and autobiographies will be used. Prerequisite: One Women's Studies course or permission of instructor.
3 lect hrs — 3 credits

register by mail

Graduate Studies

UMass/Boston offers high-quality graduate level programs. At present five programs of study offer Master's degrees: Biology, Chemistry, English, History and Mathematics. Each program is characterized by a distinguished faculty, small classes and excellent facilities.

Graduate students who have a tuition waiver for the 1978-1979 academic year may request a waiver of tuition for the 1979 summer session by contacting the Office of Graduate Studies. (Administration Bldg., 3rd floor, Rm. 046).

The following is a list of courses that will be offered this summer as part of the Graduate Studies program. For schedule of courses look under individual departments.

BIOL 660 Seminar in Developmental Biology
Current problems in developmental biology. Moleculer and cellular differentiation, and pattern determination. Prerequisite: BIOL 312 or 314 and permission of instructor.
3 sem-disc hrs 3 credits

ENGL 793 The Reading and Teaching of Poetry
An advanced introductory course, or a refresher course, in the reading and comprehension of poetry, with the object of teaching it to younger minds. Emphasis on practical criticism, or close reading, but various perspectives and critical approaches are included, along with teaching aids and pedagogical exercises. Concentration on poets of the 19th and 20th centuries, such as Blake, Keats, Dickinson, Yeats, Eliot, Frost and Lowell. A number of short papers, oral reports on poems, one final, long paper. *Note: Ordinarily English masters courses are open only to students already admitted to the English MA program. Rare exceptions are made for qualified petitioners by the seminar instructor in consultation with the Director of Graduate Studies in English. Selected UMass/Boston undergraduates, with the proper academic background and recommendations, may also be admitted to these graduate seminars; they too should see the Director of Graduate Studies in English and the seminar instructor.*
3 lect hrs, 2 conf hrs *5 credits*

HIST 701 Topics in United States History
Examinations of important themes in political and social, culturel and intellectual history of the United States in the 19th and 20th centures.
3 lect hrs 4 credits

MATH 670 Mathematical Logic I
Statement calculus, predicate calculus, axiomatic theories, truth and validity models. Prerequisite: MATH 260 or 330 or equivalent.
3 lect hrs 3 credits

Nantucket Program

For the past ten years UMass/Boston has offered summer courses on the island of Nantucket. The courses listed below will be given on Nantucket this year on Nantucket as part of the Summer Program of UMass/Boston. All courses carry full academic credit and utilize the facilities of the University on the island. The University Field Station at Quaise will be the site of the course in Field Biology. All other courses will be offered at the historical Coffin School in the town of Nantucket. Limited housing may be available to students taking summer courses. For further information on the Nantucket Program, call the Office of the Summer School.

ART 330 Classical Tradition in New England
Exploration of the architecture of the New England sea coast from the saltbox to the shed style, with emphasis on the roles of traditional form and classical style is on the architecture of the Colonial and Early Republican periods, and on the rediscovery of that architecture in the late 19th and 20th centuries, resulting in the Colonial Revival and other style developments. On-site exploration of Nantucket buildings is an integral part of the course, combined with slide lectures, discussions, and readings from a wide variety of sources designed to highlight the cultural and psychological, as well as the artistic aspects of tradition. This course is taught by Pauline Chase Harrell, lecturer and consultant in social, architectural and environmental history.
3 credits

BIOL 200 Field Biology on Nantucket
A summer field laboratory course conducted at the University Field Station on Nantucket. Emphasis in *Field Botany*. Lectures, discussions, field trips. Meets every weekday for 4 weeks (length of season subject to change). Mainland students live at the station and are responsible for modest expenses. Prerequisite: Permission of instructor.
4 credits

HIST 478 American Maritime History
The history of the United States during its first three centuries was virtually the story of its maritime activities. While American democracy opened a new way of life in the world, the free enterprise system, which supported it, was actually the economic progress reflected by our trade with other nations. Such qualities as self-reliance and sea-faring skill in free trade were stimulants to commercial success and intellectual growth, and sustained the principles of our government by and for the people. The American sea-faring tradition runs through the pages of our history like a strong tide. This course covers the "age of sail" and the "age of stean" and is taught by Nantucket historian Edouard Stackpole.
3 credits

POLSCI 477 Themes in Russian Political and Philosophical Thought
A course designed as a survey of philosophical and literary ideas at the root of Russian attitudes and policies of pre-revolutionary and Soviet periods. This course presents readings in Russian literature, classic and contemporary, along with an investigation of the social and political trends which have formed the Soviet Union today, and which will shape its future. Some of the authors include Pushkin, Turgenev, Dostoyevsky, Lenin, Bukharin, and Solzhenitzyn. Instructor: Olga Andreiev Carlisle, author of several books of the subject.
3 credits

THRART 482C Reader's Theatre
The dramatic interpretation of literature to create characters interacting in situations with a minimum of staging. Emphasis on vocal effects and a wide range of verbal techniques. Useful in training for the theatre and oral communication. Readings may include *Under Milk Wood, J.B., John Brown's Body*, and original scripts by contemporary playwrigits. Taught by Louis E. Roberts, Chairman of the Theater Arts department at UMass/Boston.
3 credits

Summer Program for Pre-College Students

Secondary School students holding Junior and Senior status are eligible to enroll in the program that UMass/Boston is offering in the summer with the cooperation of the Institute of Learning and Teaching.

Students interested in taking courses under this program are asked to have the approval of their own school Guidance Counsellors. Once admitted to the program, students undergo a careful process of orientation and advising that familiarizes them with this institution and helps them choose courses from a carefully selected list. No more than two courses can be taken by a student under this program.

At the satisfactory completion of the course(s), full academic credit is granted which provides the student with the following options:

1) upon application for admission to UMass/Boston or UMass/Amherst, these credits are automatically recognized;
2) the student may request from his/her own high school to receive degree credits towards high school diploma;
3) Advanced Placement may be requested by the student upon application to an institution of higher learning other than UMass/Amherst or UMass/Boston;
4) the student may request transfer credit for courses taken at UMass/Boston when applying to another college or university.

For more details on this program, contact Hannah Gilman at the Institute of Learning and Teaching, UMass/Boston, tel. 287-1900 ext. 2381.

Spanish Program in Translation

The purpose of the Program in Translation is to give students an ancillary skill to their basic education as a career option. The program is designed for native speakers of English with an advanced knowledge of Spanish who wish to develop translation skills. However, native speakers of Spanish with proven proficiency in advanced English composition are not excluded. The program concentrates on English as the target language, and consists of two intensive six-credit courses, offered in 2 six-week semesters. Prerequisites for acceptance into the program are: 1) two semesters of Spanish above the intermediate level, or the equivalent; 2) Proven proficiency in advanced English composition. Applicants who have not taken an advanced course in English composition should arrange to take an English qualifying exam either on Thursday, May 24 or Friday, June 1 at 10 A.M. in Bldg. 2, 5th floor, Rm. 245. For inquiries, call the Spanish Department, 287-1900, ext. 3211.

A Certificate in Translation will be awarded upon successful completion of all course work and a final comprehensive exam in translation from Spanish to English.

SPAN 271 Introduction to Techniques of Translation
Development of the basic techniques and skills needed for translation. Emphasis on English as target language (translation from Spanish to English) with some practice in translation from English to Spanish. Methods of contrastive linguistics to analyze pertinent aspects of language structure involving syntax, vocabulary and style, are employed. Material for this course is taken from published translation of both a literary and non-literary nature. Students are given ample opportunity to apply these techniques through a series of translation assignments, which form the basis for class discussion. Prerequisites: at least 2 semesters of Spanish beyond the intermediate level or the equivalent.
6 lect hrs 6 credits

SPAN 273 Advanced Translation
Practice in translating a variety of genres and styles, both literary and non-literary, e.g., passages from cultural material, short stories and essays; government documents; scientific, commercial and technical prose. Emphasis is on translating Spanish to English, but considerable practice is given to translating material in the commercial and human service fields from English into Spanish. Literary material is taken from various periods to make students aware of historical changes in vocabulary, syntax, tone and style. Prerequisite: SPAN 271 Introduction to Techniques of Translation.
6 lect hrs 6 credits

The College of Professional Studies

The College of Professional Studies, established in 1973, is the newest College at UMass/Boston. The College currently offers a program in the field of Management. When it reaches full size, the College will offer programs in a number of professional fields. The College is responsible for both the professional and general education of its students and the curriculum emphasizes relationships between the liberal arts and sciences and career-oriented studies.

The Management Program is a course of undergraduate study for persons who wish to prepare in managerial careers in business, government, or other institutions. It incorporates the modern concepts of managerial training and provides students with a versatile preparation for work in a wide variety of institutions. For schedules of courses in this program look under Management in the schedule of courses.

Prerequisites: Students wishing to take Management Courses during the summer should be sure that they meet the prerequisites included in the course listing prior to registering for the course. Students not enrolled at UMass/Boston will be asked to provide information regarding their educational preparation on the first day of classes.

MGT 100 Introduction to Management
A first course in the functions and problems of management, designed to introduce students to the concrete world of management for which much of their subsequent coursework is designed to prepare them.
3 lect hrs 3 credits

MGT 220 Managerial Statistics
A non-calculus introduction to statistical description and inference. Students learn to evaluate statistical reports and to properly gather, tabulate, and analyze research data. Topics include tabulation and statistical measurement of sample data, probability (including common distribution) parametric and nonparametric hypothesis testing (two sample, contingency tables, goodness of fit, and analysis of variance), estimation, regression, correlations, survey and sampling techniques, and experimental design.
4 lect hrs 4 credits

MGT 260 Introduction to Law and Management
The nature and functions of law and legal systems. Examination of the use of law in resolving disputes, facilitating arrangements and as an administrative regulatory instrument. Particular attention is devoted to the interface between law and management theory.
3 lect hrs 3 credits

MGT 320 Introduction to Operations Research
An overview of important concepts and techniques used for deriving optimum solutions to managerial problems. The course begins with definitions of system, manager, and optimum decisions. States of nature, alternative course of action, objective function, payoff matrix, and opportunity loss are explored, three types of decision-making situation, certainty, uncertainty and risks, are examined and decision-making criteria are derived. The remainder of the course explores several of the widely used operations research techniques, such as flow charts, task diagrams, pert networks, Monte Carlo

technique, assignment, resource allocation, transportation (distribution), and general linear programming. Prerequisite: MGT 220 or permission of instructor.
3 lect hrs 3 credits

MGT 321 Operations Management
An introduction to the principle problems and issues that confront the manager, including methodologies of analysis and decision-making as applied to these problems and issues. Covers quantitative techniques such as cash flow convergence, mathematical programming, regression analysis, decision analysis, queuing models, and simulation. The remainder of the course studies the fundamental elements of production and services delivery management, including facilities management, work measurement, process design, forecasting, scheduling and dispatching, production and inventory control, quantity control, effects of technological change, and economics of transportation and logistics. Prerequisite: MGT 320
3 lect hrs 3 credits

MGT 331 Marketing in the Public and Private Sector I
Analysis of the structure and behavior of: 1) social, economic, technological, political, legal and other systems within which an organization operates; 2) individuals and groups within those systems towards which an organization's products or services are directed and from which its resources are obtained. Students learn to formulate and evaluate programs designed to achieve an organization's objectives by influencing and adapting to its external environment. The courses use lectures, class discussion, exercises, report writing, and case studies.
3 lect hrs 3 credits

MGT 340 Management of Financial Resources I
An introduction to financial accounting, emphasizing concepts rather than bookkeeping procedures. Also included is a brief treatment of the management of the short-term financial needs of profit and non-profit entities.
4 lect hrs 4 credits

MGR 341 Management of Financial Resources II
Continuation of the study of short-term financial management. Basic aspects of long-term finance including leverage, debt capacity and dividend policy. Introduction to the types of securities issued by public and private entities. Capital budgeting and the time value of money. Prerequisite: MGT 340 or permission of instructor.
4 lect hrs 4 credits

MGT 350 Management of Human Resources I
An introductory course centered around the processes of planning, organizing, directing and controlling activities as they relate to the effective utilization and development of people in formal organizations. Exposure to the analytical tools useful in conceptualizing, diagnosing and acting on managerial problems related to the interaction between organizations, their objectives and the development of human resources. Emphasis is given to the concepts of organization analysis and design, and to the analysis of the effects of organizational structure on human performance.
3 lect hrs 3 credits

MGT 351 Management of Human Resources II
A core course exploring theories, ideas and research concerning human behavior in organizations. Structured as an experiential learning process around the analysis of individual behavior, interpersonal relations and group dynamics. Exposure to the critical interections and options open to management in structuring human performance and the value implications implicit in personnel decisions. Prerequisite: MGT 350 or permission of instructor.
3 lect hrs 3 credits

MGT 431 Consumer Behavior and Marketing Communications
Analyzes interactions between consumer decision-making processes using concepts of economics, sociology, psychology, and mass and informal communications, in order to develop marketing communication strategies in response to specific marketing problems. Prerequisite: MGT 331 or permission of instructor.
3 lect hrs 3 credits

MGT 432 Marketing Research
Presents marketing research as the systematic and objective search for and analysis of information relevant to the identification and solution of marketing problems as well as for use in management information systems. Prerequisite: MGT 331 or permission of instructor.
3 lect hrs 3 credit

MGT 480 Management Internship
Full or part-time work experience in management settings, supervised by an on-site supervisor and a management program faculty sponsor. Credit also available to students with prior managerial experience who develop a professional portfolio about that experience under the supervision of a faculty sponsor. Open only to management students who have completed 75 credits, 3 out of the 4 management core courses, and the application process during advance registration periods. Prerequisite: Permission of CPS dean's office, management students only.
hrs by arrangement 4-8 credits

MGT 500 Exchange Program with Northeastern University
Students enrolled in the management program may, with the approval of the dean of the College of Professional Studies, take specialized course work not available at the University of Massachusetts at Boston at the College of Business Administration at Northeastern University. Students interested in this option should contact the College of Professional Studies dean's office. Priority will be given to management students.

The College of Public and Community Service

The College of Public and Community Service (CPCS) prepares people for careers in public and community service. Its students are primarily urban adults who come from backgrounds of active community involvement and work in social service agencies. Education at CPCS combines the development of practical professional skills with a critical and inquiring perspective gained through exploration of the social sciences and humanities.

CPCS is a competency-based program. *Competence is knowledge in action:* knowing and doing something well. CPCS awards *"competencies"* rather than credit hours and grades. Competence is evaluated according to clearly specified criteria and standards published in advance in competence statements. At the conclusion of Summer School courses, students who have successfully demonstrated competence will be awarded specific certification (called "competencies") identified in the CPCS course descriptions. Each "competency" bears a specific number of credit equivalents which can be used on a pass/fail basis in other Colleges of UMB and most other institutions of higher education which grant credit equivalencies for competency-based programs.

For further information on *competencies* please check section on "Competencies" under Registration Procedures. Course fees are listed under each course in the Schedule of Courses. This college is housed at the Park Square Campus of UMass/Boston (100 Arlington St.), and *all their summer courses are held at that location.*

See course descriptions on next page

LAW 140 Negotiation
Competencies Addressed: Law Certificate: Negotiation (3 credit equivalencies) In addition, students may attempt to complete a second competency, Ethics of Role (3 cr. equiv.). The decision on the second competency is optional. Teaches the uses of power and leverage in a one-to-one negotiation setting. By repeating role play drills, in class and out, students work with progressively more complex techniques of persuasion. While using various forms of power, students become sensitized to the ethical problems inherent in such use. Alternative ways of coping with these ethical problems are discussed. Also serves as introduction to Law Certificate, focusing on Negotiation and Ethics of Role as specific entry competencies.

ESSKIL 130 Creative Images in Writing
Competencies Addressed: All students are expected to complete two competencies from the Writing Certificate; each competency in the Writing Certificate is valued at 2 credit equivalencies. In addition, students may elect to work on the following competencies in the Reading Certificate: Comprehending the Work (2 cr. equiv.), Judging the Work (2 cr. equiv.), and Pre-Reading (1 cr. equiv.) Course goals include: developing greater confidence in writing; gaining the opportunity to write in several forms (short story, essay, poetry, journal entries); expanding vocabulary; giving and receiving feedback; and developing effective strategies for making our points. How to Learn Competencies: Attend class; complete all writing assignments. Additional Information: Workshop approach used. Much in-class writing and group discussion. Beginners especially welcome. Students encouraged to determine if this course meets their needs by calling the instructor at CPCS, 287-1900, ext. 303 or 288.

ESSKIL 120 Sentence Sense: A course to strengthen competence as a writer
Competencies Addressed: Writing Certificate: Experiential Writing (2 cr. equiv.) and either Analysis (2 cr. equiv.) or Advocacy (2 cr. equiv.). Students have opportunity to complete 2 writing competencies and therefor should be able to achieve 4 credit equivalencies from this course. Provides intense experience in writing, with maximum individualized instruction, for the person who has had difficulty with writing. Confidence in using the conventions of writing and in organizing is an important goal. Reading assignments are kept brief to enable students to concentrate on writing. Students write about brief films rather than about extra assigned reading. How to Learn and Demonstrate Competencies: Requires a minimum of 2,500 words (the total of several brief papers) of polished, competent writing for each competency (5,000 words for two competencies). Much of the writing is done in class; students also keep journals. Students should expect to revise each brief paper several times, addressing different skills. Evaluation occurs with the final, polished version, rather than with the first submission.

Non-Credit Summer Workshops

UMass/Boston offers a series on non-credit courses and workshops as part of its services to our summer students. Most of these course are tuition-free, but some have special course fees. Please look under each course for expenses. Although regular summer UMass/Boston students are given priority in enrolling in these courses, the general public is invited to take them on a space-availability basis.

Basic Calligraphy—The Art of Beautiful Writing
Begins with foundation Roman and proceeds to other alphabets. Practical demonstrations and slides of layout commercial uses, gold leafing and design. Taught by Sandi Quinn, Director of the School of Calligraphy in Boston. Approximate cost of supplies required for this course is $12.00.
Tues. 1-3 pm June 12-July 31 Course Fee: $30.00

Effective Career Planning
A seminar covering all major aspects of career planning on the job campaign. Topics include skilled identification, values clarification, setting goals and objectives, writing resumes, effective interviewing and job strategy.
Tues. 7-9 pm June 19-July 17 Course Fee: $30.00

Homeowners Energy Conservation Course
A course designed by the State Energy Office to impart information to homeowner's on a variety of topics including heat loss factors, best insulating materials, inspection of homes for heat losses, installing appropriate insulation, etc. Taught by Richard Johnson.
MW 7-9 p.m. July 16-July 30 Course Fee: $30.00

Emergency Care Training Program
The Health Service Department offers a series of non-credit courses in Emergency Care Training. These courses are given under the auspices of the University and certified by the American Red Cross and the American Heart Association. The courses are given free of charge. For registration, contact the Health Services Department, UMass/Boston, Admin. Bldg., 2nd floor, tel. (617) 287-1900

Standard First Aid
Emergency care procedures including artificial resuscitation, bleeding control, poisoning and fracture management. Special instruction areas include pool extrication and emergency childbirth.
TTh 1-3 p.m. June 12-July 18

Basic Cardiac Life Support—CPR
That phase of emergency cardiac care that either 1) externally supports the respiration and circulation of a victim of cardiac arrest through cardiopulmonary resuscitation (CPR) or 2) prevents circulatory and respiratory arrest or insufficiency through prompt intervention.
MW 1-3 p.m. June 11-July 2

Sailing Program
Sailing instruction is offered starting June 19 through August 15, Monday through Friday (weather and tide conditions permitting). Students interested must first take a basic swim test in order to register for instruction. Appropriate certification is awarded according to level of proficiency achieved.

Swimming Program
Three levels of swimming instruction are offered this summer. The three courses are beginners, intermediate, and also an Advanced Lifesaving Course.
Beginners and Intermediate
MW 1:30-2:30 p.m. June 20-August 1
Advanced Lifesaving
TTh 1:30-2:30 p.m. June 19-July 31
All courses are recognized and given in conjunction with the American Red Cross. Appropriate certification is awarded at the completion of the course.

Boston Schedule of Courses

All Courses are run during the "B" schedule (June 11 to Aug 1) unless alternate dates are specified.
All courses run Monday through Thursday, for 1 hour and 15 minutes unless otherwise specified.

College of Arts and Sciences

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DEPT COURSE SCHEDULE     TITLE          BLDG    CR
       SEC NUMBER     MEETING TIMES     FLR RCOM   INSTRUCTOR
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A-N-T-H-R-O-P-O-L-O-G-Y

```
ANTH   102      INTRO ARCH&BIOL ANTH          4CR
     1B     020034 MTUWTH 8.30          2-1 420  BISHOP
ANTH   103      INTRO CULTURAL ANTH           4CR
     1B     020317 MTUWTH 10.00         2-1 420  HULTS
ANTH   210      BIO SOCIAL BEHAVIOR           3CR
     1B     020412 MTUWTH 10.00         2-1 210  BISHOP
ANTH   280      PEOP&CULT CELTIC WRL          3CR
     1B     020878 MTUWTH 8.30          2-1 417  HULTS
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A-R-T

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ART    100      LANGUAGE OF ART               4CR
     1B     021155 MTUWTH 10.00         2-3 407
ART    195      INTRO FILM ANALYSIS           4CR
     1B     021511 MTUWTH 11.30         2-3 407  RISSE
              LAB FEE: $8

ART    293      PHOTOGRAPHY I                 3CR
     1B     021711 MTUWTH 8.30-11.00    S-8 025  SEVEY
     2B     021749 MTUWTH 12.00-2.30    S-8 025  SEVEY
              LAB FEE: $15

ART    330N     CLASSICAL N.E. ARCH           3CR
     1C     021816 MTUWTH 10.30-12.30 NANT *KET HARRELL
              AUG 1 - AUG 30
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B-I-O-L-O-G-Y

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BIOL   101      BASIS OF LIFE                 4CR
     1A     022026 MTUWTHF 8.30-10.00   2-1 207  HAGER
              MEETS: JUNE 11 - JULY 6

BIOL   102      EVOLUTIONARY BIOL             4CR
     1B     022309 MTUWTHF 10.00        2-1 207  KINCAID
              MEETS: JUNE 15 - AUGUST 1

BIOL   111      GENERAL BIOLOGY I             4CR
  LEC 1A    022597 MTUWTH 8.30          2-1 409
  LAB 1A    022632 MW 1.00-4.00
     2A     022660 TUTH 1.00-4.00
              MEETS: JUNE 4 - JULY 12
              LAB FEE: $7

BIOL   112      GENERAL BIOLOGY II            4CR
  LEC 1C    022943 MTUWTH 8.30-10.00    2-1 409  SHEERIN
  LAB 1C    022993 MW 1.00-4.00
     2C     023020 TUTH 1.00-4.00
              MEETS: JULY 16 - AUGUST 21
              LAB FEE: $7

BIOL   200      FIELD BIOLOGY                 4CR
     1A     023303 BY ARRGT
              MEETS: JUNE 4 - JUNE 29
              GIVEN ON NANTUCKET ISLAND

BIOL   232      INVERTEBRATE ZOOLOGY          5CR
  LEC 1B    023581 MTUWTH 10.00         2-1 417
  LAB 1B    023636 TUWTH 1.00-5.00
              LAB FEE: $15

BIOL   660      SEMINAR IN DEV BIOL           3CR
     1A     023919 MTUWTH 2.30-4.30     2-1 612  HARRISON
              MEETS: JUNE 4 - JULY 5
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B-L-A-C-K S-T-U-D-I-E-S

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BLKSTY 110      INTRO BLK STUDIES I           4CR
     1B     024191 MTUWTH 8.30          2-1 428  OGEDENGBE
BLKSTY 201      ROOTS OF BLK FAMILY           3CR
     1B     024474 MTUWTH 10.00         2-1 418  POTTINGER
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C-H-E-M-I-S-T-R-Y

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CHEM   103      CHEMICAL PRIN I               5CR
  LEC 1A    024757 MTUTHF 10.00         2-1 209
  LAB 1A    024802 TUTH 1.00-4.00
  DIS 1A    024852 W 10.00              2-1 209
              MEETS: JUNE 4 - JULY 12
              LAB FEE: $45

CHEM   104      CHEMICAL PRIN II              5CR
  LEC 1C    025139 MTUTHF 10.00         2-1 209
  LAB 1C    025189 TUTH 1.00-4.00
  DIS 1C    025234 W 10.00              2-1 209
              MEETS: JULY 16 - AUGUST 21
              LAB FEE: $45

CHEM   153      ORGANIC CHEMISTRY I           5CR
  LEC 1A    025517 MTUTHF 10.00         2-1 409
  LAB 1A    025567 TUTH 1.00-4.00
  DIS 1A    025612 W 10.00              2-1 409
              MEETS: JUNE 4 - JULY 12
              LAB FEE: $45
CHEM   154      ORGANIC CHEMISTRY II          5CR
  LEC 1C    025890 MTUTHF 10.00         2-1 409
  LAB 1C    025945 TUTH 1.00-4.00
  DIS 1C    025995 W 10.00              2-1 409
              MEETS: JULY 16 - AUGUST 21
              LAB FEE: $45
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C-L-A-S-S-I-C-S

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CLSICS 284      GREEK & ROMAN MYTH            4CR
     1B     026272 MTUWTH 11.30         2-1 409
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E-C-O-N-O-M-I-C-S

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ECON   100      ECONOMIC LITERACY             4CR
     1B     026555 MTUWTH 11.30         2-1 418  MOSELEY
ECON   155      STATISTICAL METHODS           4CR
     1B     026866 MTUWTH 10.00         2-1 418  FERLEGER
ECON   225      AM ECONOMIC HIST              3CR
     1B     027143 MTUWTH 11.30         2-1 417  FERLEGER
ECON   235      INTERNATIONAL ECON            3CR
     1B     027426 MTUWTH 10.00         2-1 213  SCHIAVO-CAMPO
ECON   281      MARXIST ANALYSIS              3CR
     1B     027709 MTUWTH 10.00         2-1 614  MOSELEY
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E-N-G-L-I-S-H

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ENGL   101      FRESHMAN ENGLISH I            4CR
     1B     027987 MTUWTH 10.00         2-2 209  KELLY
ENGL   102      FRESHMAN ENGLISH II           4CR
     1B     028264 MTUWTH 8.30          2-1 619  HAROING
     2B     028292 MTUWTH 10.00         2-1 619  SWAN
ENGL   206      FIVE BRITISH WRITERS          4CR
     1B     028575 MTUWTH 10.00         2-1 415  GOLEMAN
ENGL   213      INTRO TO FICTION              4CR
     1B     028858 MTUWTH 11.30         2-1 617  WIZNITZER
ENGL   240      INTERMEDIATE COMP             4CR
     1B     029135 MTUWTH 8.30          2-1 617  KREIGER
ENGL   407      MODERN BRITISH NOVEL          3CR
     1B     029418 MTUWTH 8.30          2-1 614  L. SMITH
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DEPT COURSE SCHEDULE    TITLE            BLDG    CR
     SEC NUMBER    MEETING TIMES         FLR RCM   INSTRUCTOR

ENGL   408      CONTEMP AM POETRY                3CR
     18     029696 MTUWTH 10.00            2-1 617  PHILLIPS
ENGL   793      READ & TEACH POETRY              5CR
     18     029979 TUTH 4.15-18.45         2-1 421

F-R-E-N-C-H

FRENCH 101      ELEMENTARY FRENCH I              4CR
  LEC 1B    030843 MTUWTH 8.30-11.15       2-2 428
  LAB 1B    030893 MTUWTH 11.30-12.15
             MEETS: JUNE 11 - JULY 9
             LAB FEE: $4

FRENCH 102      ELEMENTARY FRENCH II             4CR
  LEC 1B    031170 MTUWTH 8.30-11.15       2-2 428
  LAB 1B    031225 MTUWTH 11.30-12.15
             MEETS: JULY 10 - AUGUST 1
             LAB FEE: $4

FRENCH 125      INTENSIVE FRENCH                 8CR
  LEC 1B    031508 MTUWTH 8.30-11.15       2-2 428
  LAB 1B    031558 MTUWTH 11.30-12.15
             LAB FEE: $8
             MEETS: JUNE 11 - AUGUAT 1
             MEETS: JUNE 11 - AUGUST 1

FRENCH 301      TRADUCTION ET STYLE              3CR
     1B     031831 MTUWTH 8.30             2-1 415  PHILLIP

G-E-R-M-A-N

GERMAN 101      ELEMENTARY GERMAN I              4CR
  LEC 1B    032118 MTUWTH 8.30-9.45        2-2 417
                   MTUWTH 11.00-12.15      2-2 417
  LAB 1B    032168 MTUW 10.00-11.00
             MEETS: JUNE 11 - JULY 9
             LAB FEE: $4

GERMAN 102      ELEMENTARY GERMAN II             4CR
  LEC 1B    032441 MTUWTH 8.30-9.45        2-2 417
                   MTUWTH 11.00-12.15      2-2 417
  LAB 1B    032491 MTUW 10.00-11.00
             MEETS: JULY 10 - AUGUST 1
             LAB FEE: $4

GERMAN 115      INTENSIVE GERMAN                 8CR
  LEC 1B    032774 MTUWTH 8.30-9.45        2-2 417
                   MTUWTH 11.00-12.15      2-2 417
  LAB 1B    032829 MTUW 10.00-11.00

H-I-S-T-O-R-Y

HIST   111      MODERN WEST CIV I                4CR
     1B     033106 MTUWTH 8.30             2-1 210  BOCKBINDER
HIST   112      MODERN WEST CIV II               4CR
     1B     033394 MTUWTH 10.00            2-1 421  BOOKBINDER
HIST   161      AFRICAN CIV II                   4CR
     1B     033528 MTUWTH 11.30            2-1 421  AMIJI
HIST   265      AMERICAN HISTORY I               4CR
     1B     033667 MTUWTH 10.00            2-2 205  PETRIN
HIST   380      U.S. IN 20TH CEN II              3CR
     1B     034227 MTUWTH 8.30             2-1 421  BERKOWITZ
HIST   478N     AMER MARITIME HIST               3CR
     1C     034500 MTUWTH 8.30            NANT 'KET STACKPOLE
             MEETS: AUGUST 1 -AUGUST 30
             GIVEN ON NANTUCKET ISLAND

HIST   701A     20TH CENTURY AMERICA             4CR
     1B     034788 MTU 4.00-18.00          2-2 421  BERKOWITZ

H-U-M-A-N-I-T-I-E-S

HUMAN  271      HOLOCAUST LITERATURE             4CR
     1B     035065 MTUWTH 11.30-1.10       2-1 415  HOELTZEL
             MEETS: JUNE 25 - AUGUST 1

I-T-A-L-I-A-N

ITAL   XXX      INTENSIVE ELEM ITAL              8CR
  LEC 1B    035348 MTUWTH 8.30-11.15       2-2 415
  LAB 1B    035398 TUTH 11.30-12.15
             LAB FEE: $8
             MEETS: JUNE 11 - AUGUST 1

ITAL   101      ELEMENTARY ITAL I                4CR
  LEC 1B    035671 MTUWTH 8.30-11.15       2-2 415
  LAB 1B    035726 TUTH 11.30-12.15
             MEETS: JUNE 11 - JULY 9
             LAB FEE: $4

ITAL   102      ELEMENTARY ITAL II               4CR
  LEC 1B    036003 MTUWTH 8.30-11.15       2-2 215
  LAB 1B    036053 TUTH 11.30-12.15
             MEETS: JULY 10 - AUGUST 1
             LAB FEE: $4
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DEPT COURSE SCHEDULE    TITLE            BLDG    CR
     SEC NUMBER    MEETING TIMES         FLR RCM   INSTRUCTOR

L-A-T-I-N

LATIN  113      INTENSIVE LATIN                  8CR
     1B     036336 MTUWTH 8.30-10.30       2-1 612  KONIARIS
             MEETS: JUNE 11 - AUGUST 1

L-A-W  &  J-U-S-T-I-C-E

LAWJUS 1038     PUNISHMENT                       2CR
     1B     036897 MTUWTH 8.30             2-1 608  SWARTZ
             MEETS: JUNE 11 - JULY 17

LAWJUS 104      INTRO LAW & JUSTICE              4CR
     1B     037174 MTUWTH 11.30            2-1 608
LAWJUS 470A     CRIMINAL LAW                     3CR
     1B     037457 MTUWTH 10.00            2-1 608

M-A-T-H-E-M-A-T-I-C-S

MATH   110      BASIC ALGEBRA                    4CR
     1B     037730 MTUWTH 8.30             2-2 207
     2B     037768 MTUWTH 10.00            2-2 207
MATH   124      APPLIED ALGEBRA                  4CR
     1B     038045 MTUWTH 8.30             2-1 616
MATH   125      ELEM PROB THEORY                 4CR
     1B     038328 MTUWTH 10.00            2-1 616
MATH   130      COLLEGE ALG & TRIG               4CR
     1B     038601 MTUWTH 8.30             2-2 208
     2B     038639 MTUWTH 10.00            2-2 208
MATH   137      INTRO COMP PROG                  4CR
     1B     038912 MTUWTH 10.00            2-2 211
MATH   140      CALCULUS I                       4CR
     1B     039227 MTUWTH 8.30             2-2 213
     2B     039255 MTUWTH 10.00            2-2 213
MATH   141      CALCULUS II                      4CR
     1B     039538 MTUWTH 8.30             2-2 209
MATH   150      VECTOR GEOM & MATR               4CR
     1B     039811 MTUWTH 8.30             8-2 062
MATH   670      MATH LOGIC                       3CR
     1B     040096 TUTH 4.15-18.45         2-1 420

M-U-S-I-C

MUSIC  111      INTRO TO MUSIC                   4CR
     1B     044531 MTUWTH 10.00            2-2 404  SAUNDERS

P-H-I-L-O-S-O-P-H-Y

PHIL   100      INTRO TO PHILOSOPHY              4CR
     1B     044814 MTUWTH 11.30            2-1 428
PHIL   108      MORAL & SOC PROBLEMS             3CR
     1B     045096 MTUWTH 8.30             2-1 418  SWARTZ
PHIL   120      LOGIC                            4CR
     1B     045379 MTUWTH 10.00            2-2 616
PHIL   130      PHIL OF EDUCATION                3CR
     1B     045652 MTUWTH 10.00            2-2 621

P-H-Y-S-I-C-S

PHYSIC 107      COLLEGE PHYSICS I                4CR
     1A     045713 MTUWTH 8.30-10.30       8-1 006
             MEETS: JUNE 4-JULY 12

PHYSIC 108      COLLEGE PHYSICS II               4CR
     1C     045741 MTUWTH 8.30-10.30       8-1 006
             MEETS: JULY 16-AUG 23

PHYSIC 113      FUNDAMENTAL PHYSIC I             4CR
  LEC 1A    045779 MW 8.30-10.30           2-2 206
  DIS 1A    045785 TH 8.30-10.30           2-2 206
                   JUNE 4 - AUG 9

PHYSIC 171      INTRO PHYSICS LAB I              1CR
     1A     045818 TU 11.00-1.30
     2A     045824 W 11.00-1.30
     3A     045830 TH 11.00-1.30
             MEETS: JUNE4-JULY 12

PHYSIC 172      INTRO PHYSICS LAB II             1CR
     1C     045868 TU 11.00-1.30
     2C     045874 W 11.00-1.30
             E      JULY 16 - AUG 21

P-O-L-I-T-I-C-A-L  S-C-I-E-N-C-E

POLSCI 122      GOVT & POLTCS OF US              4CR
     1B     045935 MTUWTH 11.30            2-2 205  WARD
POLSCI 123      20TH CEN POL IDEAS               4CR
     1B     046212 MTUWTH 8.30             2-2 419  LIEBERMAN
POLSCI 363      SOVIET GOVT & POLT               3CR
     1B     046773 MTUWTH 10.00            2-2 419  LIEBERMAN
POLSCI 477N     POL RUSS LIT THEMES              3CR
     1B     046828 MTUWTH 8.30            NANT 'KET CARLISLE
             ON NANTUCKET
                   JULY 2 - JULY 31
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DEPT COURSE SCHEDULE    TITLE          BLDG    CR
        SEC NUMBER    MEETING TIMES    FLR RCOM   INSTRUCTOR

P-S-Y-C-H-O-L-O-G-Y

PSYCH  101      INTRO PSYCHOLOGY                4CR
      1B    047050 MTUWTH 10.00          2-2 0C8  STRICKLAND
PSYCH  102      INTRO PSY RESEARCH              4CR
      1B    047333 MTUWTH 8.30           2-1 213  KALICK
PSYCH  200      PERSONALITY                     3CR
      1B    047616 MTUWTH 9.3C           2-2 214  SLAVIN
PSYCH  230      SOCIAL PSYCHOLOGY               3CR
      1B    047894 MTUWTH 11.3C          2-2 214  KALICK
PSYCH  241      INFANCY & CHILD DEV             3CR
      1B    048171 MTUWTH 11.30          2-2 213
PSYCH  245      EDUCATIONAL PSYCH               3CR
      1B    048454 MTUWTH 8.30           2-2 423  SCHLEIFER
      2B    048482 MTUWTH 10.CC          2-2 423  SCHLEIFER

S-T-U-D-Y  O-F  R-E-L-I-G-I-O-N

RELSTY 122      INTRO TO RELIGION               4CR
      1B    048765 MTUWTH 11.30          2-2 2C6

R-U-S-S-I-A-N

RUSS   XXX      INTENSIVE CONVSCOMP I & II      6CR
      1B    049042 MTUWTH 10.00-12.30    2-1 62C  BERLINA
RUSS   203      CONV AND COMP I                 3CR
      1B    049325 MTUWTH 10.CO-12.30    2-1 62C  BERLINA
             MEETS: JUNE 4 - JULY 12

RUSS   204      CONV AND COMP II                3CR
      1B    049608 BY ARRGT
             MEETS: JUNE 4 - JULY 12

S-O-C-I-O-L-O-G-Y

SOCIOL 101      INTRO SOCIOLOGY                 4CR
      1B    049886 MTUWTH 8.3C           2-3 617  NIKKEL
      2B    049919 MTUWTH 10.00          2-3 617  ADRIANCE
SOCIOL 211      URBAN COMMUNITY                 3CR
      1B    050194 MTUWTH 10.CO          2-2 214  NIKKEL
SOCIOL 241      ELEM SOCIAL THEORY              3CR
      1B    050316 MTUWTH 8.30           2-2 616  LARSON
SOCIOL 261      DEVIANCE                        3CR
      1B    050750 MTUWTH 11.30          2-3 617  HELM
SOCIOL 338      SOC OF EDUCATION                3CR
      1B    051037 MTUWTH 11.30          2-2 616  BARLOW
SOCIOL 351      METHODS OF RESEARCH             3CR
      1B    051310 MTUWTH 10.CO          2-2 42C  BROWN

S-P-A-N-I-S-H

SPAN   101      ELEMENTARY SPANISH              4CR
  LEC 1A    051598 MTUWTH 8.3C-1C.10     2-3 415  ESTOW
  LAB 1A    051643 MW 10.30-11.15
             MEETS: JUNE 4 - JULY 12
             LAB FEE: $4

SPAN   102      ELEMENTARY SPANISH              4CR
  LEC 1C    051926 MTUWTH 8.30-10.10     2-3 415  BARRADAS
  LAB 1C    C51976 MW 10.3C-11.15
             MEETS: JULY 16 - AUGUST 21
             LAB FEE: $4

SPAN   103      INTENSIVE ELEM SPAN             8CR
      1B    052253 MTUWTH 11.30-2.15     2-2 207  OSORIO
                                                  RYAN
SPAN   205      INTENSIVE INTER SPAN            8CR
      1B    052536 MTUWTH 8.30-11.CO     2-2 421  OSORIO
                                                  RYAN
SPAN   271      TECH OF TRANSLATION             6CR
      1B    052619 MTUWTH 8.30-12.CO     8-2 C63
             NOTE: SEE TRANSLATION PROGRAM

SPAN   273      ADV TRANSLATION                 6CR
      1A    052647 MTUWTH 8.30-12.00     8-2 064
             NOTE: SEE TRANSLATION PROGRAM
                   JUNE 4 - JULY 12
SPAN   301      ADV SP COMP & CONV              3CR
      1C    052819 MTUWTH 11.30          2-1 615  BARRADAS
                   JULY 16 - AUG 21

T-H-E-A-T-R-E  A-R-T-S

THRART 125      SPEECH & MOVEMENT               3CR
      1B    053091 TUTH 11.3C-2.CO       2-2 0C8  MC DONOUGH
THRART 481      MOD DANCE&JAZZ TECH             3CR
      1B    053374 MW 11.3C-2.00         2-2 CC8  TOLBERT
THRART 482N     READER,S THEATRE                3CR
      1C    C53657 MTUWTH 10:30                   L. ROBERTS
             MEETS:  JULY 2 - JULY 31
             GIVEN ON NANTUCKET ISLAND
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DEPT COURSE SCHEDULE    TITLE          BLDG    CR
        SEC NUMBER    MEETING TIMES    FLR RCOM   INSTRUCTOR

W-O-M-E-N-'-S  S-T-U-D-I-E-S

WOST   100      WOMEN AND SOCIETY               4CR
      1B    053930 MTUWTH 10.00          2-2 624  SMITH
WOST   200      20TH C WOMEN WRITERS            3CR
      1B    054217 MTUWTH 11.30          2-2 621  GANE
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College of Professional Studies

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M-A-N-A-G-E-M-E-N-T

MGT    100A     INTRO TO MGT                    3CR
      1B    C40379 TUTH 8.30-11.00       2-1 201
MGT    220      MNGRL STATISTICS                4CR
      1B    040652 MW 8.30-11.30         2-1 201
MGT    260      INTRO LAW & MGT                 3CR
      1B    040963 TUTH 11.30-2.00       2-1 212
MGT    320      OPERATIONS RESEARCH             3CR
      1B    041240 MW 11.3C-2.00         2-1 2C1
      2A    041278 MW 18.00-21.00        2-1 418
             MEETS: JUNE 4 - JULY 12

MGT    321      OPERATIONS MGT                  3CR
      1B    041551 MW 11.3C-2.00         2-1 2C6
      2C    041589 MW 18.00-21.00        2-1 418
             MEETS: JULY 16 - AUGUST 23

MGT    331      MARKETING PUB/PRV II            3CR
      1B    041862 MW 8.3C-11.00         2-1 206
      2A    041890 MW 18.00-21.00        2-1 428
             MEETS: JUNE 4 - JULY 12

MGT    340      FINANCIAL ACCOUNTING            3CR
      1B    042177 TUTH 8.30-11.CC       2-1 2C6
      2A    042200 TUTH 18.00-21.00      2-1 418
             MEETS: JUNE 4 - JULY 12

MGT    341      FINANCIAL MGT                   3CR
      1B    042488 TUTH 11.3C-2.CO       2-1 2C1
      2C    042511 TUTH 18.00-21.00      2-1 418
             MEETS: JULY 16 - AUGUST 23

MGT    350      MGT HUMAN RES I                 3CR
      1B    042799 TUTH 8.30-11.CC       2-1 2CP
      2A    042822 TUTH 18.00-21.00      2-1 428
             MEETS: JUNE 4 - JULY 12

MGT    351      MGT HUMAN RES II                3CR
      1B    043109 TUTH 11.3C-2.CC       2-1 2C6
      2C    043137 TUTH 18.00-21.00      2-1 428
             MEETS: JULY 16 - AUGUST 23

MGT    431      CONSUMER BEHAVIOR               3CR
      1B    043410 TUTH 8.30-11.CO       2-1 212
MGT    432      MARKETING RESEARCH              3CR
      1B    043698 TUTH 11.3C-2.CO       2-1 2CB
MGT    480      MGT INTERNSHIP                  4-8
      1B    043971 BY ARRGT
MGT    500      N. U. EXCHANGE                  1-4
      1B    044258 BY ARRGT
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College of Public and Community Service

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E-S-S-E-N-T-I-A-L  S-K-I-L-L-S

ESSKIL 120      SENTENCE SENSE                  0CR
      1A    030259 TUTH 8.45-1.30        PSC5 503  JACOBSON
      2A    030287 TUTH 5.00-21.45       PSC5 503  JACOBSON
             MEETS: JUNE 11 - JULY 10
             COURSE FEE: $90

ESSKIL 130      CREATIVE IMAGES                 CCR
      1A    030560 MW 5.3C-21.00         PSC5 5C3  LOWENSTEIN
             MEETS: JUNE 11 - JULY 18
             COURSE FEE: $90

L-E-G-A-L  E-D-U-C-A-T-I-O-N  S-E-R-V-I-C-E  C-E-R-T

LAW    140      NEGOTIATION                     CCR
      1C    036619 MTUWTHF 9.00-11.00 PSC5 5C5  MATZ
             MEETS: JULY 9 - AUGUST 1
             FOR THE FIRST WEEK(JULY 9 -16)
             THIS COURSE WILL MEETS FROM
             9.00-12.00
             COURSE FEE: $5C
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Annotated Directory of University Offices at Boston

Registrar's Office UMass/Boston

Frank Casey, Registrar
David Cesario, Assistant Registrar
Administration Bldg., 1st floor, Ext. 2470

The Registrar's Office is responsible for registering all summer students, processing applications, scheduling courses and maintaining records of student grades and enrollments. Students interested in the Pass/Fail option, withdrawal from courses and initiation of refunds must consult the Registrar's Office.

Summer School Office

Maria Luisa Roberts, Director
Bldg. 11, 3rd floor, Rm. 615, Ext. 2180

The Summer School Office is responsible for the planning and supervising of the entire summer program. Although actual registration takes place at the Registrar's Office, the Summer School is set up to distribute information and resolve problems referred to this office by the Registrar's Office.

During the summer this office, in conjunction with the Student Activities Office, offers a variety of cultural events at the Harbor Campus, featuring a free film series of classic and contemporary films, lectures, art exhibits and musical and theatrical presentations.

INFO Booth

Bldg. II, 1st floor lobby

The INFO Booth serves the University by dispensing information regarding all University activites and functions. Students looking for classroom locations should consult the INFO Booth for assistance.

Student I.D. Cards

I.D. cards can be obtained at the INFO Office (Bldg. II, 2nd floor, Rm. 414) between 10 a.m. and 1 p.m each day.

Bursar's Office

Frank P. Dunton, Bursar
Administration Bldg.—2nd floor lobby
Hours 9 a.m.-3:30 p.m.

The Bursar's Office administers all student accounts. It handles billing, collections, processing receipts and financial aid grants, disbursing excess awards, and refunds for the student accounts throughout the academic year. All cash payments should be made directly to the Bursar's Office which provides receipts for use by other offices.

For summer session, payment for courses is made at the time of registration. Payments by check may be submitted directly to the Registrar's Office but cash payments and deferment clearances based on outside agency sponsorship must be made at the Bursar's Office.

Lab fee payments are made at the Bursar's Office during the first week of classes.

Refunds are not processed until after the Add/Drop period is over.

Financial Aid Office

Lana Brennan, Director
Administration Building—2nd floor

The Financial Aid Office provides assistance in the processing of grants, scholarships, loans and work-study awards. They are also responsible for the coordination of all student employment on campus.

For further information on who is eligible for financial aid and how to apply for it, check the section on Financial Aid under UMass/Boston Registration Procedures in this catalog.

Health Services

David L. Stockton, Director of Health Services
Administration Building—2nd floor

During the summer registered nurses and/or nurse/practitioners are on duty in the main facility of the Health Services Office during service hours. There are also limited laboratory facilities and a small medication program. Primary care physicians including gynecologists are available on an appointment basis and referrals to other special consultants are arranged when necessary. A variety of

programs are sponsored by the Health Education Center. This center, staffed mostly by students, offers information on such subjects as human sexuality, emergency medical care and women's health.

Students enrolled in summer school programs are required to pay a summer health fee of $8 to use the Health Service during the duration of their program. By making an additional fee payment they may use the Service during the remainder of the summer. Students not enrolled in any summer school programs may also use the Health Service by paying the entire summer health fee at the beginning of the summer.

This summer the Health Services department offers a program in Emergency Care Training to interested students as well as to the general public. For more information on these courses consult section on non-credit Summer Workshop at UMass/Boston.

Academic Advising

Academic Advising and Tutorial Services are available through the Dean's Office of each college. Add-Drop and Withdrawal cards must be signed by an academic advisor of each college.

C. A. S. Academic Support Services
Bldg. II, 3rd floor, Rm. 625

C. P. S. Student Support Services
Science Bldg.—3rd floor—Room 173

C. P. C. S. Academic Support Services
Park Square Campus—Room 406-C

Teacher Certification Program

John Conlon, Director
Bldg. II, 5th floor, Rm. 413

Students seeking careers in education should consult with this office during the first week of classes.

Student Activities Office

John A. DeSando, Director
Bldg. II, 3rd floor, Rm. 425

Student Activities offers students a chance to participate in extra-curricular activity at the University. Funding is provided by the Student Activities Fee and Administered by the Student Activities Committee, known as "S.A.C."

The summer fee provides funds for social and cultural events and student media services. S.A.C. sponsors social events with entertainment and refreshments, reduced-price tickets for sporting and cultural events in the Boston area, recreational facilities for both the Harbor Campus and Park Square Campuses, and free film lecture series (students are invited to submit proposals to the Student Activities Committee, Bldg. II, 3rd floor, Rm. 425). The fee also makes possible the publication of the student newspaper, the *Mass Media*, and the broadcasting of WUMB Radio.

Information on social events, student ticket series, and other student services, including rental of lockers, is available at this office.

Institute of Learning and Teaching

Dorothy Berman, Director
Hannah Gilman, Administrative Assistant
Bldg. 1, 6th floor, Rm. 081

The ILT at UMass/Boston works with the University faculty and urban public school personnel to develop and implement a wide range of innovative educational projects. Current projects include work with high-school students in programs such as Flexible Campus and Another Course to College.

This summer ILT is coordinating the Pre-College Program offered as part of the UMass/Boston Summer Session. Students interested in joining this program should get in touch with the program director, Hannah Gilman. For further information, see that section under Special Summer Programs.

Advocacy Center

Bldg. II, 1st floor, Rm. 414
Summer Hours: 9 a.m.-1 p.m.

The Student Advocacy Center, another service provided by the Student Activities Office, is an organization of students and professionals acting as ombudsman to help students resolve academic and social problems.

Athletics Office

Paul F. Finnegan, Director
Paul R. Pender, Assistant Director
Bldg. II, 2nd floor, Rm. 617

Athletic Facilities

Pending completion of our new Athletic Building, all athletic facilities are housed in Buildings I and II. Building I contains a swimming pool, four handball courts, a weight room and an exercise room. Located in Building II are a gymnasium, two handball courts, two squash courts and a weight room. Outdoor facilities include two athletic fields, the front field located near the Administration Building and the back one located behind Building I. Both are marked for football, soccer, softball, volleyball and horseshoes.

Special outdoor and indoor tournaments are scheduled during the summer including racketball, handball and tennis.

A summer sailing program is conducted at the Harbor Campus. Eight Mercury sailboats and eight rowing dories are available for use at the sailing dock located adjacent to the pumphouse near the Library. Sailing instruction can be obtained upon request.

For further details on our summer sailing and swimming programs, see the section on Summer Workshops.

Disabled Student Center

Bldg. II, 1st floor, Rm. 429

The Resource and Counseling Center for Disabled Students provides a full range of counseling services to students as well as equipment which is available to meet the needs of any student who requests its services (e.g. Braille library, low-vision center and wheelchairs). All disabled students are welcome to enjoy the facilities and services offered at this center.

Child Care Center

Science Bldg. 1st floor, Rm. 012

Child care is available to students of UMass/Boston during the summer. The Child Care Center is housed in the Science Bldg., 1st floor, Rm. 012 in very attractive and spacious quarters. This program is operated by trained personnel and charges run on a subsidized fee scale. Children between the ages of 18 months and 7 years are eligible. For information call 287-1900, ext. 2440 or 2446.

Veterans' Affairs Office

William G. Joiner, Jr., Director
Administration Bldg., 1st floor, Rm. 117

The Veterans' Affairs Office assists all veterans in obtaining their educational benefits and helps them to resolve related problems. For further information, consult the section on Veteran's Benefits under UMass/Boston Registration Procedures.

Campus Police

Library—G-1 level

The campus police force is responsible for the security of the University. They also enforce parking regulations and assist in any emergency situations that arise. Call ext. 2111 for assistance during an emergency.

Library

Walter Grossman, Director

The University Library holds a book collection of approximately 250,000 volumes. The library currently receives more than 2,500 domestic and foreign journals and newspapers and maintains a growing collection of government documents and a fine arts and music library with listening carrels. The Science Library contains collections in Biology, Chemistry, Mathematics and Physics. There is also a small, special collection for the students and faculty of the College of Public and Community Service in the library in the mezzanine at 100 Arlington Street at Park Square.

Library hours during the summer are posted at the beginning of the summer term.

Cafeterias

Administration Bldg., G-2 level
Bldg. I, 3rd floor
Bldg. II, 3rd floor

During the summer two cafeterias operate on campus. One is located in the G-2 level of the Administration Building and is open during the day. The other is located on the 3rd floor of Building II.

Campus Pub

Bldg. I, 3rd floor

Beer, wine, beverages, sandwiches and pizza will be served from 12 to 3 Monday through Thursday.

Housing Information

Administration Bldg., 3rd floor, Rm. 30 n. 30

The University is a commuter campus with no residential facilities for students. The Office of Housing and Transportation has rental information available to interested persons.

Transportation & Parking

Free and frequent shuttle bus service is provided between the Campus and Columbia Station on the MBTA Red Line (see map). There is free bus service from the Harbor Campus to the Park Square Campus.

Parking is available in our two underground garages. All vehicles are required to pay $1.50 per day to park in the garage. A discount card with ten tickets is also available at the Parking Booth for $10. Short-term rates are 50 cents for the first half hour, 50 cents for the next full hour; any time beyond one and a half hours will be charged at the $1.50 daily rate. (Motorcycles are charged at half rate.) Short-term passes must be obtained at the Information Booth on the Campus Road before entering the garage.

Bookstore

Administration Bldg., G-2 level

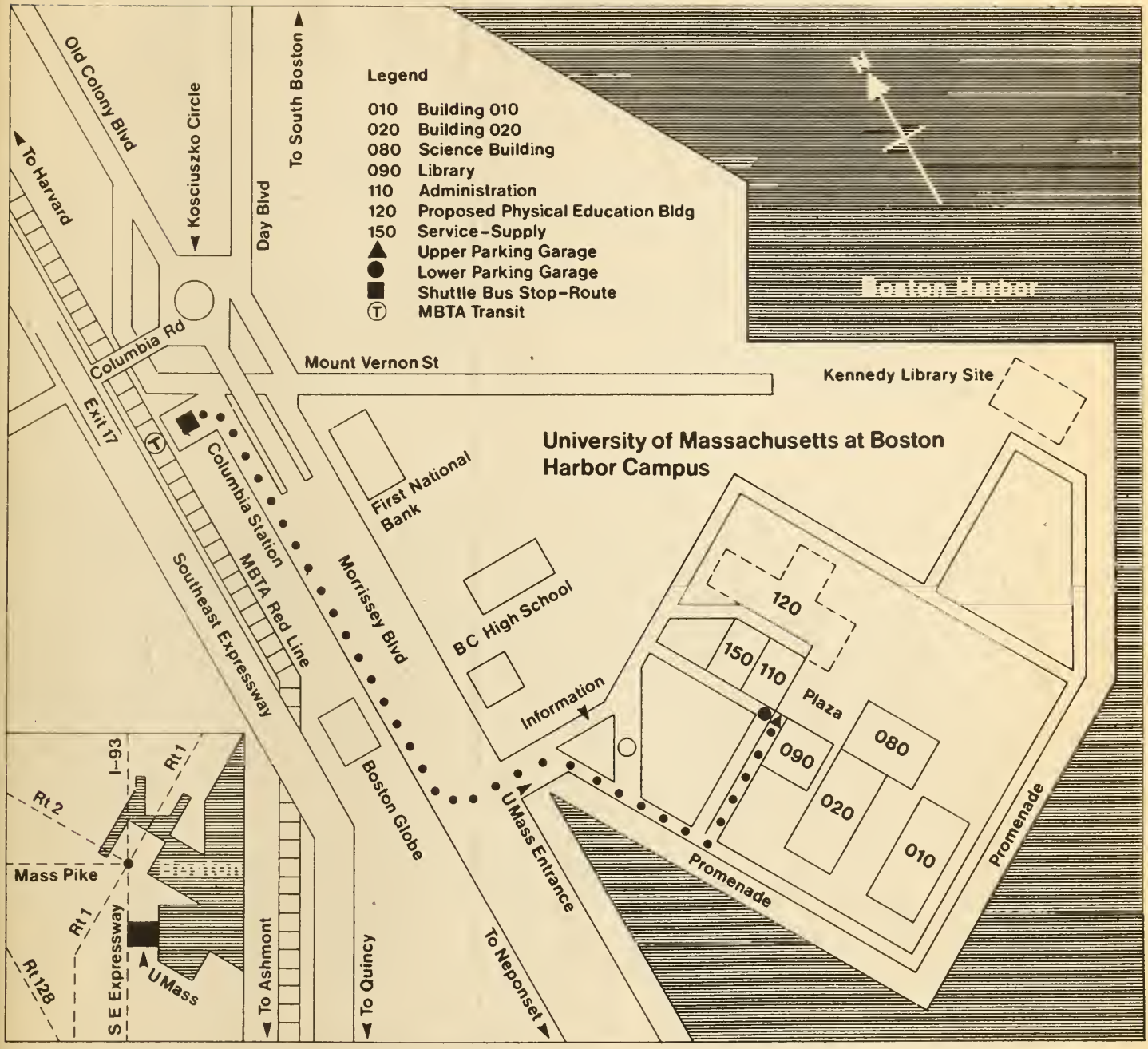
The campus bookstore carries textbooks required for University courses. A selection of non-required reading material, paper supplies, stationery, art supplies, UMass T-shirts and jackets, class rings, cards, cigarettes, candy and gift items is also available.

Campus Ministry

Rev. James Rafferty, Director
Bldg. II, 2nd floor, Rm. 622

The Campus Ministry provides daily morning prayer services on Mondays through Thursdays during the summer as well as a Mid-week Liturgy on Wednesdays. A chaplain is available from 9 a.m. to 1 p.m., Mondays through Thursdays.

UMass Boston Campus Map



HARBOR CAMPUS - College of Arts and Sciences - College of Professional Studies
UMass-Boston Harbor Campus is only 3 miles from downtown Boston and easily accessible by public or private transportation.

From North or West
Take Southeast Expressway and leave at Exit 17. Turn left onto Columbia Road, enter rotary and take first right down ramp to Morrissey Boulevard. Bear right of island following UMass-Boston sign, turn left into campus at first traffic lights.

From South
Take Southeast Expressway and leave at Exit 18 near Bostongas tanks (Morrissey Boulevard/UMass).

Public Transportation
Take MBTA Ashmont Red Line to Columbia Station, transfer to free University shuttlebus at T parking lot.

Parking
Indoor space is available for 1700 cars.

DOWNTOWN CAMPUS - College of Public and Community Service
Campus is located at 100 Arlington Street in Park Square, one block from MBTA Green Line Arlington Station. Free shuttlebus also runs between Harbor and Downtown campuses.

Summer School
University of Massachusetts
Harbor Campus
Boston, Massachusetts 02125

Non-Profit Organization
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